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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 20, 2024

MR RHETT BENNETT
CHIEF EXECUTIVE OFFICER
FORT WORTH POWER CORE LLC
425 HOUSTON ST STE 400
FORT WORTH TX 76102-7437

Re: Electric Generating Units Air Quality Standard Permit
(Effective 5/16/2007)
Standard Permit Registration Number: 178505
Standard Permit Expiration Date: December 20, 2034
Fort Worth Power Core LLC
Bastrop County Power Plant
Cedar Creek, Bastrop County
Regulated Entity Number: RN112095989
Customer Reference Number: CN606278281

Dear Mr. Bennett:

Fort Worth Power Core LLC submitted an application on December 9, 2024 to register construction related to Electric Generating Units to be located at the intersection of Pearce Lane and county road 110/FM535 S, turn right, heading N onto county road 110/FM535 S. Go for 1.5 miles then turn left on Thousand Oaks Dr. Go for 2.2 miles then turn left on Post Oak Trail. Go for 0.6 miles and turn right on Elm Forest Loop. Go for 0.6 miles, Cedar Creek, Bastrop County. We understand that this registration is for emissions associated with six (6) gas-fired combustion turbine generators (CTGs) and two (2) heat recovery steam generators (HRSG).

The Texas Commission on Environmental Quality (TCEQ) has determined that your proposed emissions are authorized by this standard permit pursuant to Title 30 Texas Administrative Code § 116.602 and Texas Health and Safety Code § 382.05195, if constructed and operated as described in your registration. Authorized emissions are listed on the attached table.

You are also reminded that these facilities must comply with all rules and regulations of the TCEQ and of the U.S. Environmental Protection Agency at all times.

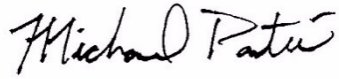
Permittees must report the operational status for each relevant standard permit registration by December 31st of each year electronically through the State of Texas Environmental Electronic Reporting System (STEERS). More information is available at www.tceq.texas.gov/permitting/air/annual-reporting-requirements-airpermits.

If you need further information or have any questions, please contact Ms. Clare Hubbell at (512) 239-1254 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Rhett Bennett
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Re: Standard Permit Registration Number 178505

Sincerely,

A handwritten signature in black ink that reads "Michael Partee". The signature is written in a cursive, flowing style with a large initial "M" and a stylized "P".

Michael Partee, Manager
Rule Registrations Section
Air Permits Division
Texas Commission on Environmental Quality

cc: Air Section Manager, Region 11 - Austin

Project Number: 385769

Standard Permit Maximum Emission Rates Table
Permit Number 178505

The facilities and emissions included in this table have been represented and reviewed as the maximum emissions authorized by this standard permit registration.

Emission Point No.	Source Name	Pollutant	Authorized Emissions	
			lbs/hr	tpy
BLOCK-1	Turbines 1-3	VOC	14.04	--
		NOx	46.27	--
		CO	17.87	--
		PM/PM10/PM2.5	21.00	--
		CH2O	2.88	--
		SO2	7.95	--
		H2SO4	0.61	--
		NH3	27.62	--
	Turbines 1-3 Startup and Shutdown	VOC	58.80	--
		NOx	100.50	--
		CO	270.90	--
		PM/PM10/PM2.5	14.10	--
BLOCK-2	Turbines 4-6	VOC	14.04	--
		NOx	46.27	--
		CO	17.87	--
		PM/PM10/PM2.5	21.00	--
		CH2O	2.88	--
		SO2	7.95	--
		H2SO4	0.61	--
		NH3	27.62	--
	Turbines 4-6 Startup and Shutdown	VOC	58.80	--
		NOx	100.50	--
		CO	270.90	--
		PM/PM10/PM2.5	14.10	--
Turbine CAP	BLOCK-1 and BLOCK-2 Annual Emissions Cap (Routine and Startup and Shutdown)	VOC	--	44.92
		NOx	--	92.44
		CO	--	70.25

		PM/PM10/PM2.5	--	62.26
		CH2O	--	8.40
		SO2	--	23.23
		H2SO4	--	1.78
		NH3	--	161.31
CT-VT-1 through CT-VT-6	Combustion Turbine Lube Oil and Hydraulic Oil Vent, Turbine 1 through Turbine 6	VOC	0.22	0.98
GT-VT-1 through GT-VT-6	Generator Turbine Lube and Hydraulic Oil Vent, Turbine 1 through Turbine 6	VOC	0.22	0.98
FUG	Fugitive Piping Components	VOC	2.55	11.18
		NH3	0.90	3.94

Note: The VOC pollutant category reflects total non-methane non-ethane hydrocarbon. The maximum allowable emission rate for EPN Nos "BLOCK-1" and "BLOCK-2" apply to all 3 turbines that make up each respective power block. The maximum allowable emission rate for EPN No. "Turbine CAP" applies to all 6 turbines.

VOC - volatile organic compounds
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5} as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CH₂O - formaldehyde
 SO₂ - sulfur dioxide
 H₂SO₄ - sulfuric acid
 NH₃ - ammonia

Note: Fugitive emission rates are estimates and are enforceable through compliance with the standard permit representations.

Date: December 20, 2024