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Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 9, 2025

MR. DANIEL WONG  
DIRECTOR  
BILATERAL ENERGY LLC  
5473 BLAIR RD STE 100  
DALLAS TX 75231-4227

Re: Electric Generating Units Air Quality Standard Permit  
(Effective 5/16/2007)  
Standard Permit Registration Number: 180579  
Standard Permit Expiration Date: July 9, 2035  
Bilateral Energy LLC  
Granbury Opco 1  
Granbury, Hood County  
Regulated Entity Number: RN112234695  
Customer Reference Number: CN606398782

Dear Mr. Wong:

Bilateral Energy LLC submitted an application on June 19, 2025 to register construction related to Electric Generating Units to be located at 1225 Meadow Wood Rd, Granbury, Hood County. We understand that this registration is for emissions associated with the construction and operation of eight (8) simple cycle power turbines and 87 linear generators.

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.

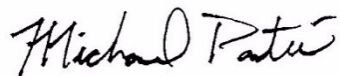
Permittees must report the operational status for each relevant standard permit registration by December 31<sup>st</sup> of each year electronically through the State of Texas Environmental Electronic Reporting System (STEERS). More information is available at [www.tceq.texas.gov/permitting/air/annual-reporting-requirements-airpermits](http://www.tceq.texas.gov/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

If you need further information or have any questions, please contact Ms. Briannah Spooner at (512) 239-4961 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. Daniel Wong  
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Re: Standard Permit Registration Number 180579

Sincerely,

A handwritten signature in black ink that reads "Michael Partee". The signature is written in a cursive style with a horizontal line at the end.

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

cc: Air Section Manager, Region 4 - Dallas/Fort Worth

Project Number: 394461

Standard Permit Maximum Emission Rates Table  
Permit Number 180579

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
CTG-1	Turbine 1	VOC	2.57	--
		NO <sub>x</sub>	15.95	--
		CO	24.76	--
		PM/PM <sub>10/2.5</sub>	6.99	--
		CH <sub>2</sub> O	0.27	--
		SO <sub>2</sub>	3.43	--
		H <sub>2</sub> SO <sub>4</sub>	0.26	--
		NH <sub>3</sub>	16.70	--
CTG-2	Turbine 2	VOC	2.57	--
		NO <sub>x</sub>	15.95	--
		CO	24.76	--
		PM/PM <sub>10/2.5</sub>	6.99	--
		CH <sub>2</sub> O	0.27	--
		SO <sub>2</sub>	3.43	--
		H <sub>2</sub> SO <sub>4</sub>	0.26	--
		NH <sub>3</sub>	16.70	--
CTG-3	Turbine 3	VOC	2.57	--
		NO <sub>x</sub>	15.95	--
		CO	24.76	--
		PM/PM <sub>10/2.5</sub>	6.99	--
		CH <sub>2</sub> O	0.27	--
		SO <sub>2</sub>	3.43	--
		H <sub>2</sub> SO <sub>4</sub>	0.26	--
		NH <sub>3</sub>	16.70	--
CTG-4	Turbine 4	VOC	2.57	--
		NO <sub>x</sub>	15.95	--
		CO	24.76	--
		PM/PM <sub>10/2.5</sub>	6.99	--
		CH <sub>2</sub> O	0.27	--
		SO <sub>2</sub>	3.43	--

		<b>H<sub>2</sub>SO<sub>4</sub></b>	0.26	--		
		<b>NH<sub>3</sub></b>	16.70	--		
CTG-5	Turbine 5	<b>VOC</b>	2.57	--		
		<b>NO<sub>x</sub></b>	15.95	--		
		<b>CO</b>	24.76	--		
		<b>PM/PM<sub>10/2.5</sub></b>	6.99	--		
		<b>CH<sub>2</sub>O</b>	0.27	--		
		<b>SO<sub>2</sub></b>	3.43	--		
		<b>H<sub>2</sub>SO<sub>4</sub></b>	0.26	--		
		<b>NH<sub>3</sub></b>	16.70	--		
		CTG-6	Turbine 6	<b>VOC</b>	2.57	--
				<b>NO<sub>x</sub></b>	15.95	--
<b>CO</b>	24.76			--		
<b>PM/PM<sub>10/2.5</sub></b>	6.99			--		
<b>CH<sub>2</sub>O</b>	0.27			--		
<b>SO<sub>2</sub></b>	3.43			--		
<b>H<sub>2</sub>SO<sub>4</sub></b>	0.26			--		
<b>NH<sub>3</sub></b>	16.70			--		
CTG-7	Turbine 7			<b>VOC</b>	2.57	--
				<b>NO<sub>x</sub></b>	15.95	--
		<b>CO</b>	24.76	--		
		<b>PM/PM<sub>10/2.5</sub></b>	6.99	--		
		<b>CH<sub>2</sub>O</b>	0.27	--		
		<b>SO<sub>2</sub></b>	3.43	--		
		<b>H<sub>2</sub>SO<sub>4</sub></b>	0.26	--		
		<b>NH<sub>3</sub></b>	16.70	--		
		CTG-8	Turbine 8	<b>VOC</b>	2.57	--
				<b>NO<sub>x</sub></b>	15.95	--
<b>CO</b>	24.76			--		
<b>PM/PM<sub>10/2.5</sub></b>	6.99			--		
<b>CH<sub>2</sub>O</b>	0.27			--		
<b>SO<sub>2</sub></b>	3.43			--		
<b>H<sub>2</sub>SO<sub>4</sub></b>	0.26			--		
<b>NH<sub>3</sub></b>	16.70			--		
Turbine CAP	Annual Turbine Emissions Cap (Routine and MSS)			<b>VOC</b>	20.59	90.33
				<b>NO<sub>x</sub></b>	127.62	242.95
		<b>CO</b>	198.06	229.81		

		<b>PM/PM<sub>10/2.5</sub></b>	55.90	245.18
		<b>CH<sub>2</sub>O</b>	2.15	9.41
		<b>SO<sub>2</sub></b>	27.47	120.49
		<b>H<sub>2</sub>SO<sub>4</sub></b>	2.10	9.22
		<b>NH<sub>3</sub></b>	133.61	585.21
GEN-1 through GEN-87	Single Linear Generator Hourly Limit	<b>VOC</b>	0.01	--
		<b>NO<sub>x</sub></b>	0.03	--
		<b>CO</b>	0.05	--
		<b>PM/PM<sub>10/2.5</sub></b>	0.20	--
		<b>CH<sub>2</sub>O</b>	--	--
		<b>SO<sub>2</sub></b>	<0.01	--
		<b>H<sub>2</sub>SO<sub>4</sub></b>	--	--
		<b>NH<sub>3</sub></b>	--	--
Generator CAP	Linear Generators Annual Emissions Cap	<b>VOC</b>	--	5.26
		<b>NO<sub>x</sub></b>	--	6.80
		<b>CO</b>	--	17.53
		<b>PM/PM<sub>10/2.5</sub></b>	--	0.88
		<b>CH<sub>2</sub>O</b>	--	--
		<b>SO<sub>2</sub></b>	--	2.07
		<b>H<sub>2</sub>SO<sub>4</sub></b>	--	--
		<b>NH<sub>3</sub></b>	--	--
CT-VT-1 through CTVT-8	Combustion Turbine Lube Oil and Hydraulic Oil Vent, Turbine 1 through Turbine 8	<b>VOC</b>	0.30	1.14
GT-VT-1 through GTVT-8	Generator Turbine Lube and Hydraulic Oil Vent, Turbine 1 through Turbine 8	<b>VOC</b>	0.30	1.14
FUG	Fugitive Piping Components	<b>VOC</b>	5.22	22.85
		<b>NH<sub>3</sub></b>	1.07	4.67

\*Note: The annual turbine emissions cap represents the maximum emissions that will occur from all of the combustion turbines installed under the standard permit during any rolling 12-month period.

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

- VOC - volatile organic compounds
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub> as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- SO<sub>2</sub> - sulfur dioxide

CH<sub>2</sub>O - formaldehyde  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
NH<sub>3</sub> - ammonia

Date: July 9, 2025