

Electric Generating Unit Standard Permit Technical Review

Company	VoltaGrid LLC	Registration Number	177637
City	San Antonio	Project Number	380453
County	Bexar	Regulated Entity Number	RN112050760
Project Type	Standard Permit Application	Customer Reference Number	CN606076008
Project Reviewer	Brittany Williams	Project Received Date	September 20, 2024
Site Name	VoltaGrid SAT-1 EGU		

Project Description
VoltaGrid LLC is submitting this air standard permit registration for the installation of eighty (80) new 3310-kilowatt-electric (kWe) natural gas generators ("Generators") to produce electricity for an adjacent facility. This project will occur at the VoltaGrid SAT-1 Electric Generating Unit (EGU) facility (the Facility), which VoltaGrid LLC owns and operates, located at 1470 Omicron Drive #2 in Bexar County in San Antonio, Texas. The electric generating units (EPNs: GEN-1 – GEN-80) are fired with natural gas with a sulfur content of 10 grains per one hundred standard cubic feet (gr/100 scf) or less. All engines on site will meet requirements listed in NSPS subpart JJJJ and MACT subpart ZZZZ.
Total carbon monoxide emissions for the project are over the Title V Threshold of 100 tons per year (tpy) and company will be submitting a Title V application for the facility. NOx emissions will be below nonattainment thresholds of 50 tpy.

Compliance History Evaluation	
A compliance history report was reviewed on:	September 27, 2024
Site rating & classification:	N/A
Company rating & classification:	Unclassified
If site was rated unsatisfactory, what action(s) occurred as a result: (i.e. changes to permit, reduced renewal period, etc.)	N/A

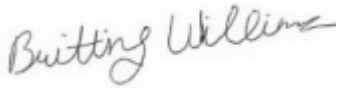
General Rules Check	Comments
Does the project trigger PSD or NA review?	* No
Is the facility taking an operational limit to meet the Standard Permit? If yes, describe how this project is not circumventing major NSR permitting. (30 TAC §116.110)	* No

Standard Permit Rules Check	Comments
Type of unit being authorized	*Engine(s)
Fees	* ≥ 1 MW \$900
Combined Heat and Power (if taking credit)	N/A
Fuel	* Natural gas (<10 grains total sulfur per 100 dscf)
NO _x emission limitation (in lb/MWh)	* ≤10 MW per unit * East Texas * >300 hrs/yr – 0.14 lb/MWhr
Maintenance, Startup, and Shutdown	Maintenance activities will be authorized either by PBR or De Minimis. Emissions from planned startup and shutdown will be authorized by this permit. Combustion emission factors used when developing the standard permit included enough conservatism to account for incidental increases that could occur during startup and shutdown.

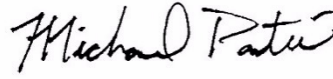
Electric Generating Unit Standard Permit Technical Review

Registration No. 177637
Page 2

Regulated Entity No. RN112050760



10/03/2024



10/10/2024

Project Reviewer
Brittiny Williams

Date

Section Manager
Michael Partee

Date