

Electric Generating Unit Standard Permit Technical Review

Company	Voltagrid LLC	Registration Number	180842
City	Abilene	Project Number	395504
County	Shackelford	Regulated Entity Number	RN112247101
Project Type	Standard Permit Application	Customer Reference Number	CN606076008
Project Reviewer	Celine Rosales	Project Received Date	July 14, 2025
Site Name	ABI-1 Electric Generating Unit		

Project Description
<p>Voltagrid LLC is submitting this air standard permit registration for the installation of two hundred and ten (210) new natural gas generators ("Generators"). This project will occur at the VoltaGrid ABI-1 Electric Generating Unit (EGU) Facility #1 (the Facility), to be located just south of the intersection of TX-351 and FM-604 in Shackelford County near Abilene, Texas. The total generating capacity of all EGUs proposed for installation at this site will be equivalent to 709 MW.</p> <p>The facility is requesting that operations be limited to account for only the maximum number of engines that will be operational at a given time. Only one hundred and ninety-seven (197) of the two hundred and ten (210) engines will be operational at a given time, while the remaining thirteen (13) engines will only be operated for maintenance or shutdown of the primary engines. The generators will use natural gas which will contain no more than 10 grains total sulfur/100 dry scf. All engines on site will meet requirements listed in NSPS Subpart JJJJ and MACT Subpart ZZZZ.</p> <p>Total carbon monoxide, nitrogen oxide, formaldehyde, and hazardous air pollutants (HAPs) emissions for the project are over the Title V thresholds and the company will be submitting a Title V application for the facility. Reviewer verified that emissions from all engines operating at 100% are below major source thresholds.</p>

Compliance History Evaluation	
A compliance history report was reviewed on:	July 15, 2025
Site rating & classification:	N/A
Company rating & classification:	Unclassified

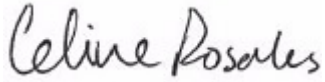
General Rules Check	Comments
Does the project trigger PSD or NA review?	* No
Is the facility taking an operational limit to meet the Standard Permit? If yes, describe how this project is not circumventing major NSR permitting. (30 TAC §116.110)	* Yes, 197 of the 210 generators will be operating at any given time.

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 * West Texas *>300 hrs/yr – 3.11 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.

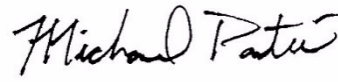
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07/17/2025



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Project Reviewer
Celine Rosales

Date

Section Manager
Michael Partee

Date