

Electric Generating Unit Standard Permit Technical Review

Company	Misae Gas Power LLC	Registration Number	182518
City	Stockdale	Project Number	402344
County	Wilson	Regulated Entity Number	RN112340302
Project Type	Standard Permit Application	Customer Reference Number	CN606460897
Project Reviewer	Brittany Williams	Project Received Date	December 18, 2025
Site Name	Misae Wilson Dc 500mw		

Project Description
Misae Gas Power LLC (Misae) is proposing to develop a power generation facility, the Misae Wilson Dc 500mw facility, to support data center operations on its property in Wilson County near Stockdale, Texas. Misae will be installing 206 Rolls Royce Model 20V4000L64FNER natural-gas-fueled engines (2.518 MW each; 518.708 MW total) with associated emissions controls including selective catalytic reduction (SCR) and oxidation catalyst. Initially, all of the onsite generated electricity will be used, and not sold to the grid; but it may transition over several years to sell excess energy to the grid. All units will operate for up to 8760 hours per year. The Misae Wilson Dc 500mw facility will only use sweet natural gas, which will be piped onto the site. All engines on site will meet the requirements listed in NSPS subpart JJJJ and MACT subpart ZZZZ. Misae Gas Power LLC confirmed that a Title V permit will be obtained for the site due to NOx, CO, and PM/PM10/PM2.5 emissions surpassing the Title V 100 tpy threshold.

Compliance History Evaluation	
A compliance history report was reviewed on:	December 23, 2025
Site rating & classification:	N/A
Company rating & classification:	N/A
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
Hours of operation?	Per unit: 8760 hours/year
Is the facility taking an operational limit (Limiting hours, etc) to meet the Standard Permit? If yes, describe how this project is not circumventing major NSR permitting. (30 TAC §116.110)	* No

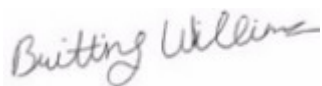
Standard Permit Rules Check	Comments
Type of unit being authorized	*Engine(s)
Fees	* ≥ 1 MW \$900
Fee Reference / Receipt Number	Fee: 801023 / 582EA000702425 Surcharge Fee: 801024 / 582EA000702425
Combined Heat and Power (if taking credit)	N/A
Fuel	* Natural gas (<10 grains total sulfur per 100 dscf)
MW rating:	Per unit: 2.518 MW Sitewide: 518.708 MW
NO _x emission limitation (in lb/MWh)	* ≤10 MW per unit * East Texas * >300 hrs/yr – 0.14 lb/MWhr

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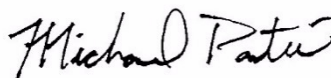
Regulated Entity No. RN112340302

Facility NOx Emissions	Engine Model – Rolls Royce Model 20V4000L64FNER Allowable Emission Rate (lbs/hr): 0.35252 Actual (lbs/hr): 0.2493
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.



01/08/2026

Project Reviewer
Brittiny Williams



01/14/2026

Section Manager
Michael Partee

Date