

Electric Generating Unit Standard Permit Technical Review

Company	Enchanted Rock, LLC	Registration Number	177197
City	Brookshire	Project Number	378175
County	Waller	Regulated Entity Number	RN112026208
Project Type	Standard Permit Application	Customer Reference Number	CN606225175
Project Reviewer	Briannah Spooner	Project Received Date	August 13, 2024
Site Name	Heb 00814		

Project Description
<p>Enchanted Rock is proposing to build and operate the HEB 00814 - EGUs Plant (HEB00814) in Brookshire, Waller County, Texas. HEB00814 will serve as a backup power source for HEB and will produce and sell electricity to the grid during peak times. This standard permit registration is to authorize HEB00814 to produce and sell electricity from 3 natural gas-powered spark ignition reciprocating engines operated year-round.</p> <p>The HEB00814 Plant is an electric generating power plant that will burn natural gas in spark ignition reciprocating engines to produce electricity. The proposed plant will operate as a peaking power plant and will also provide backup power to HEB located adjacent to the HEB00814 Plant.</p> <p>The engines are subject to NSPS JJJ and MACT ZZZZ and will comply with all requirements of these subparts.</p>

Compliance History Evaluation	
A compliance history report was reviewed on:	August 14, 2024
Site rating & classification:	N/A
Company rating & classification:	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)	This section does not apply, as heat is not recovered for other processes.
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.

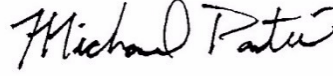
Electric Generating Unit Standard Permit Technical Review

Registration No. 177197
Page 2

Regulated Entity No. RN112026208



August 19, 2024



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Project Reviewer
Briannah Spooner

Date

Section Manager
Michael Partee

Date