

Electric Generating Unit Standard Permit Technical Review

Company	WattBridge Texas LLC	Registration Number	173691
City	Lufkin	Project Number	362136
County	Angelina	Regulated Entity Number	RN111794756
Project Type	Standard Permit Application	Customer Reference Number	CN605946615
Project Reviewer	Crystal DelaCruz	Project Received Date	August 21, 2023
Site Name	Longleaf Generating		

Project Description
WattBridge Texas, LLC, (WattBridge) proposes to construct and operate a new electric generating station, Longleaf Generating (the Plant), comprised of twelve natural gas-fired simple cycle combustion turbines and ancillary equipment. The turbine model that will be installed is the General Electric (GE) LM6000, nominally rated at 50 MW output. Natural gas will be delivered to the site via pipeline and then metered and piped to the combustion turbines. The site will not be a Major Source for PSD, and NNSR does not apply to Angelina County. The project will therefore not trigger PSD or NNSR permitting. Annual emission limits are calculated for each individual turbine based on continuous operation (each turbine operating up to 8,760 hours per year), while an annual emissions cap is calculated for the group of turbines such that the site will not be a Major Source with respect to PSD permitting. WattBridge will maintain records and comply with the specified emission standards and all applicable requirements under NSPS KKKK

Compliance History Evaluation	
A compliance history report was reviewed on:	August 24, 2023
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)	* Yes * No

Standard Permit Rules Check	Comments
Type of unit being authorized	*Engine(s) *Turbine(s)
Fees	* < 1 MW \$100 * ≥ 1 MW \$900
Combined Heat and Power (if taking credit)	N/A; The combustion turbine units will not use combined heat and power.
Fuel	* Natural gas (<10 grains total sulfur per 100 dscf)
NO _x emission limitation (in lb/MWh)	* >10 MW per unit * >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. 173691
Page 2

Regulated Entity No. RN111794756

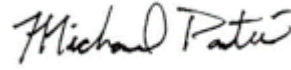


Crystal Delacruz

August 27, 2023

Ms. Crystal Delacruz
Permit Reviewer
Rule Registration Section

Date



Michael Partee

August 29, 2023

Mr. Michael Partee
Manager
Rule Registration Section

Date