Electric Generating Unit Standard Permit
Technical Review

CORRECTION

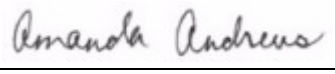
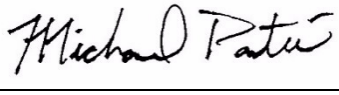
Company	**Abilene Dc 1, LLC**	Registration Number	**177263**
City	**Abilene**	Project Number	**378778**
County	**Taylor**	Regulated Entity Number	**RN112029079**
Project Type	**Standard Permit Application**	Customer Reference Number	**CN606295137**
Project Reviewer	**Amanda Andrews**	Project Received Date	**August 15, 2024**
Site Name	**Longhorn Data Center**		

Project Description
Abilene DC 1, LLC (Abilene DC) dba Crusoe Energy Systems, LLC (Crusoe) plans to install and operate equipment at the Longhorn Data Center in Abilene within Taylor County, Texas. The purpose of the equipment is to generate power for onsite use only for data centers and computing. The emissions units proposing coverage under the Standard Permit for Electric Generating Units are: • Six (6) 35 MW Titan 350 natural gas simple-cycle turbines each fitted with a selective catalyst reduction (SCR) device expected to run 8,760 hours per rolling 12-month period each • Six (6) 35 MW GE LM2500 natural gas simple-cycle turbines each fitted with a selective catalyst reduction (SCR) device expected to run no more than 5,880 hours per rolling 12-month period each Abilene DC will obtain a Title V permit as applicable for the site.

Compliance History Evaluation	
A compliance history report was reviewed on:	**August 20, 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	*Turbine(s)
Fees	* ≥ 1 MW $900
Combined Heat and Power (if taking credit)	NA
Fuel	* Natural gas (<10 grains total sulfur per 100 dscf)
NO_x emission limitation (in lb/MWh)	* West Texas * >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.

	August 29, 2024		August 30, 2024
Project Reviewer Amanda Andrews	Date	Section Manager Michael Partee	Date