

Electric Generating Unit Standard Permit Technical Review

Company	Pacifico Spunky LLC	Registration Number	180656
City	Cleburne	Project Number	394773
County	Johnson	Regulated Entity Number	RN112238399
Project Type	Standard Permit Application	Customer Reference Number	CN606401081
Project Reviewer	Amanda Andrews	Project Received Date	June 26, 2025
Site Name	Pacifico Spunky		

Project Description
<p>Pacifico Spunky LLC (Pacifico) proposes to construct a natural gas-fired simple cycle electric generating facility located in Cleburne, Johnson County Texas.</p> <p>Pacifico is constructing the power plant in a greenfield site and is submitting this Standard Permit for Electric Generating Units (SP EGU) registration application to authorize a combustion turbine. The project will consist of sixteen (16) Solar T-350 model Simple Cycle Natural gas-fired combustion turbine generators (CTG). Sitewide output will be 473 MW.</p> <p>Pacifico will construct a natural gas-fired power plant that will produce its electricity via 16 Solar Titan 350 (T-350) turbine models, with a combined nominal electrical output of 473 MW. Selective catalytic reduction (SCR) will be employed to control emissions of nitrogen oxides (NOX) and oxidation catalyst will be employed to control emissions of carbon monoxide (CO) and volatile organic compounds (VOCs). These turbines will be operated continuously and expect minimum downtime. During the startup, the turbines will be ramped up in phases until the catalyst systems achieve the required temperature for emissions control. Similarly, during shutdown, turbines will be ramped down in phases. Each startup and shutdown event is expected to last 10 minutes and 5 minutes, respectively, per turbine.</p> <p>Pacifico will comply with the applicable requirements of 40 CFR Part 60 Subpart KKKK. The facility will submit a Title V permit application as required.</p>

Compliance History Evaluation	
A compliance history report was reviewed on:	June 30, 2025
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

Electric Generating Unit Standard Permit Technical Review

Registration No. 180656
Page 2

Regulated Entity No. RN112238399

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.
------------------------------------	---

Amanda Andrews July 8, 2025

Project Reviewer
Amanda Andrews

Michael Partee

Section Manager
Michael Partee

July 9, 2025
Date