



San Diego County Air Pollution Control District

December 19, 2023

NOTICE OF A PRELIMINARY DECISION TO APPROVE AN AUTHORIZATION TO MODIFY A STATIONARY SOURCE OF AIR POLLUTION BY THE SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

The San Diego County Air Pollution Control District (District) hereby gives notice that in accordance with District Rule 20.3, it has made a preliminary decision to approve the proposed modification to the existing Pio Pico Energy Center (District Application No. APCD2018-005536), for the project listed below:

Applicant Name: Pio Pico Energy Center
Facility Name: Pio Pico Energy Center
Facility Address: 7363 Calzada de la Fuente, San Diego, 92154
Equipment: Power plant (Electric Generating Facility or EGF) with 3 simple cycle natural gas-fired gas turbines with air pollution control equipment consisting of Selective Catalytic Reduction systems, ammonia vaporization systems and oxidation catalysts used to control and reduce emissions of Oxides of Nitrogen (NO_x), Carbon Monoxide (CO) and Volatile Organic Compounds (VOCs).

The proposed modification consists of allowing for tuning the air pollution control equipment with higher hourly and daily emission limits during tuning events with no change in the annual emissions, and to revise the volatile organic compound (VOC) emissions monitoring requirements. The District performed an evaluation of the potential air pollution impacts of this proposal and has determined that the equipment is expected to operate in compliance with all applicable local, state, and federal air quality rules and regulations. The District has developed conditions for the proposed modification to ensure compliance with all applicable requirements.

The proposed project consists of three 106.4 Mega Watts (MWs) natural gas-fired simple cycle gas turbines, each served by air pollution control system consisting of a Selective Catalytic Reduction system, an ammonia vaporization system, and an oxidation catalyst, with higher emission limits during air pollution control equipment tuning operations, which is considered to be the Best Available Control Technology (BACT). The District has also conducted an Air Quality Impact Analysis (AQIA) of the project emissions and determined that the emissions comply with the AQIA standards. The proposed Authority to Construct for the proposed modification would allow the equipment to emit a maximum of 737.2 pounds per day of NO_x, 1,233.4 pounds per day of CO and 311.1 pounds per day of VOCs per turbine on days where equipment tuning is taking place, with no change to the existing annual emission limits. This results in an increase of 449.1 pounds per day of NO_x, 804.5 pounds per day of CO and 231.9 pounds per day of VOCs per turbine over what they are currently allowed to emit on days where equipment tuning is taking

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place. Tuning will not exceed 12 hours per day for the three gas turbines combined, or 40 hours per year for each gas turbine.

The District is seeking comments on this proposed permit modification action. Written comments concerning the District's proposed action may be submitted for a period of 30 days, commencing on December 19, 2023, and ending on January 18, 2024. Please direct your comments to the District's Engineering Department via mail (10124 Old Grove Road, San Diego, CA 92131) or at apcdengineering@sdapcd.org. Documents relating to the proposed action are available for public review at the District's address or at the District's website at <https://bit.ly/Permit-Notices>.

Should you have any questions regarding this notice, please contact the District's Engineering Department at apcdengineering@sdapcd.org or at (858) 586-2600.