

Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 182248

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Southwestern Public Service Company (CN601481336) has submitted an application for initial permit number 182248. The Tolk Station Power Plant (RN100224534) is an electric generating facility located approximately 10 miles from Earth, Texas, in Lamb County.

This permit will authorize the operation of dual fuel simple cycle combustion turbines and supporting equipment. As part of the project, existing coal-fired boilers and associated equipment will be shut down. Southwestern Public Service has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Proposed Emissions (tons per year)
VOC (as CH ₄)	450.60
PM	289.78
PM ₁₀	289.78
PM _{2.5}	298.78
NO _x	856.36
CO	3628.13
SO ₂	159.87
H ₂ SO ₄	12.27
NH ₃	720.28
CO _{2e}	6,273,295.47

The new facilities will be controlled by selective catalytic reduction, oxidation catalyst, low fuel sulfur content, and good combustion, operating, and maintenance practices for the combustion turbine and a high efficiency mist eliminator, equipment design, and work practices for the ancillary emission sources.