

**Plain Language Summary for New Source Review (NSR) Initial
Application for Air New Source Review Permit Numbers 177380, PSDTX1650, GHGPSDTX244**

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.

SL Energy Power Plant I, LLC (CN606272417) has submitted an application for initial permit numbers 177380, PSDTX1650, GHGPSDTX244. The SL Energy Power Plant I (RN111987863) will produce/manufacture electrical power at from Lexington, head west on Farm-to-Market Road 112/ Farm-to-Market Road 696 West for 1.1 miles. Turn left onto Farm-to-Market Road 696 West, travel 10.4 miles. Turn right on County Road 306 and travel 1.6 miles. Take a slight right to stay on County Road 306 and travel 0.8 mile to site, Lexington, Lee County.

This permit will authorize construction of a natural gas-fired turbine power plant in Lee County, TX. The proposed plant will have a nominal output of 1,200 MW and consist of two Siemens - SGT6-9000HL Advanced Class Gas Turbines paired with 2 SST6-5000 steam turbines driving 2 H2 cooled SGEN-3000W generators along with associated support equipment. SL Energy Power Plant I, LLC 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)
CO	161.3595
NOx	249.1323
PM	151.3952
PM10	151.3952
PM2.5	151.3952
SO2	49.3648
Ozone (as VOC)	87.968
Ozone (as NOx)	249.1323
H2SO4	75.5716
CO2e	3,911,679.92

The new facilities will be controlled by a combination of selective catalytic reduction (SCR), oxidation catalysts, good combustion practices, and firing sweet natural gas in the heaters, turbines, and boiler and low sulfur diesel in the engines.