

**Plain Language Summary for New Source Review (NSR) Initial
Application for Air New Source Review Permit Number 177473/N316**

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.

Entergy Texas, Inc. (CN603282054) has submitted an application for initial air permit number 177473/N316. The Lone Star Power Station (RN112041959) will produce electricity for sale at 0.5 Miles East of Intersection of U.S. 59 North and Sylvester Road, Cleveland, Liberty County, Texas.

This permit will authorize a natural gas fired simple cycle combustion turbine generator with supporting equipment. Listed below are the total amount for each pollutant that is proposed to be emitted each year for all the emission sources associated with the new facility.

Pollutant	Total Proposed Emissions (tons per year)
VOC	111.55
NO_x	74.33
CO	249.86
PM	26.60
PM₁₀	26.60
PM_{2.5}	26.60
SO₂	7.13
H₂SO₄	10.88

NO_x emissions from the new combustion turbine will be controlled with selective catalytic reduction and CO and VOC emissions will be controlled with oxidation catalyst.