

Plain Language Summary for New Source Review (NSR)

Initial Application for Air New Source Review Permit

Number 182126, GHGPSDTX263 and PSDTX1688

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. Crusoe Energy Systems LLC (CN606257079) has submitted an application for an initial permit 182126, GHGPSDTX263, and PSDTX1688. The Longhorn Data Center (RN112029061) will generate electricity at 32.50792, -99.77722, Abilene, Taylor County. This permit will authorize additional power generation equipment for onsite consumption in data center buildings. Crusoe Energy Systems LLC has listed in the application the pollutants and amounts that will be emitted for the facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Proposed Emissions (ton/yr)
VOC	815.59
PM ₁₀	451.10
PM _{2.5}	313.20
NO _x	760.33
CO	870.07
SO ₂	233.90
HAPs	49.77

The new equipment will be controlled by selective catalytic reduction and oxidation catalysts to reduce NO_x, CO, VOCs, and HAPs.