

Plain Language Summary for New Source Review (NSR)

Initial Application for Air New Source Review Permit

Number 182880

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. The Goodnight Data Center (RN112229901) will generate electricity at 35.01752, -101.31175, Claude, Armstrong County. This permit will authorize power generation equipment for 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	294.8
PM ₁₀	374.0
PM _{2.5}	373.8
NO _x	552.1
CO	376.3
SO ₂	52.7
H ₂ SO ₄	4.41
HAPs	20.61
NH ₃	461.8
CO ₂ e	4,594,980

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