

**Plain Language Summary for New Source Review (NSR) Initial
Application for Air New Source Review Permit Number 180096/PSDTX1668/GHGPSDTX251**

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.

NRG Jewett Energy Center LLC (CN TBD) has submitted an application for initial air permit number 180096/PSDTX1668/GHGPSDTX251. The NRG Jewett Energy Center (RN112209382) will produce electricity for sale on FM 39, 8.5 miles North of Jewett, Freestone County, Texas.

This permit will authorize four natural gas fired combined cycle combustion turbine generators 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 | 227.03 |
| NO_x | 555.23 |
| CO | 496.73 |
| PM | 349.29 |
| PM₁₀ | 340.69 |
| PM_{2.5} | 337.05 |
| SO₂ | 91.66 |
| H₂SO₄ | 66.24 |
| CO_{2e} | 7,885,506 |

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