

Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 182795

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.

Big Hill Energy, LLC (CN606470409) has submitted an application for initial permit number 182795. The Big Hill Facility (RN112358460) will produce/manufacture electricity from a combined-cycle gas turbine power plant at intersection of TX-35 and TX-60 head south on TX-60, South Avenue F for 3 miles at the traffic circle continue straight to stay on TX-60 S for 13.1 miles turn left onto North Gulf Road, Bay City, Matagorda County.

This permit will authorize construction of a Combined-Cycle Power Plant. Big Hill Energy, 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) |
|--------------------------------|---|
| NO _x | 245.26 |
| CO | 360.49 |
| VOC | 321.32 |
| PM | 59.67 |
| PM ₁₀ | 59.37 |
| PM _{2.5} | 57.22 |
| SO ₂ | 3.92 |
| H ₂ SO ₄ | 0.90 |
| Pb | <0.01 |
| CO _{2e} | 3,360,123 |
| Total HAPs | 8.17 |

The new facilities will be controlled by oxidation catalyst systems and selective catalytic reduction systems.