

**Plain Language Summary for New Source Review (NSR)
Initial Application for Air NSR Permit Number (#####)
and Prevention of Significant Deterioration (PSD) Permit (PSDTX####)**

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.

MPH Bastrop Peakers LLC (CN#####) has submitted an application for initial permit number (#####) and PSD permit number (PSDTX####). The new project will be authorized at the Bastrop Energy Center (RN101056851), which is an electric power generation station that operates in Bastrop County and is located at 125 Old Bastrop Rd, Cedar Creek, Texas 78612.

This permit will authorize construction of six (6) natural gas-fired simple cycle gas turbines (SCGTs) with associated utility and support systems at the Bastrop Energy Center. The new SCGTs will produce electricity to continue to provide reliable power to customers. MPH Bastrop Peakers 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)
VOC	20.05
PM	190.43
PM ₁₀	190.43
PM _{2.5}	190.43
NO _x	735.03
CO	339.86
SO ₂	12.71
H ₂ SO ₄	2.44
HAPs	11.62
CO ₂ e	2,391,637

The new SCGTs will be equipped with dry low-NO_x burners to reduce NO_x emissions by creating a lean mixture of natural gas fuel and air for combustion at lower operating temperatures. CO₂ emissions will be reduced by use of low-carbon fuels and aggressive energy-efficient turbine design. MPH Bastrop Peakers LLC will implement additional measures to reduce emissions including, for example, low-carbon fuel gases, good combustion practices, proper design, and best practice operating methods. More detailed emission control information is provided in the air permit application.