

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Numbers 20041,
N196M1, and PSDTX1590**

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.

Solar Turbines Incorporated (CN600127518) has submitted an application for an amendment to permit numbers 20041, N196M1 and PSDTX1590. The Test Cell Nos. 6 and 7 (RN100219963) are used to overhaul and produce turbines at 215 E. Centre Park Blvd., DeSoto, Dallas County.

This amendment will authorize hydrogen fuel testing in the gas turbines. Solar Turbines Incorporated has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
nitrogen oxides	112.47	24.26	136.73
carbon monoxide	64.08	85.00	149.08
organic compounds	8.82	5.59	14.41
particulate matter	12.03	0.00	12.03
sulfur dioxide	7.33	0.03	7.36

The new and/or modified facilities will be controlled by low-NOx combustion technology and/or good combustion practices.