Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 87153/PSDTX877M1/GHGPSDTX252

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.

Gregory Power Partners LLC (CN604378208) has submitted an application for and amendment to permit number 87153/PSDTX877M1/GHGPSDTX252. The Gregory Power Facility (RN102547957) will produce electricity for sale at 4633A Hwy 361, Gregory, San Patricio County.

This amendment will authorize installation of one new combustion turbine to operate in combined cycle mode, including associated heat recovery steam generator and duct burner. The project also includes reactivating two idled auxiliary boilers. Gregory Power Partners LLC 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)
VOC	102.20	166.96	269.16
PM	199.06	96.56	295.62
PM10	199.06	72.68	271.74
PM2.5	199.06	71.59	270.65
NOx	801.28	336.98	1138.26
CO	1008.32	358.00	1366.32
SO2	13.33	5.83	19.16
NH3	4.97	149.50	154.47
CO2		1510978.44	1510978.44
CH4		101.38	101.38
N2O		27.23	27.23
CO2e		1519565.72	1519565.72

The new combustion turbine will be equipped with dry low-Nox burners and selective catalytic reduction systems to reduce NOx and oxidation catalyst to reduce CO and VOC emissions. Fugitive piping components in ammonia service will undergo routine audio, visual, olfactory monitoring. The reactivated boilers will be operated following good combustion practices and will use low sulfur fuel.