

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 9346 and PSD-TX-612M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
CG801	HRSG Stack	NO <sub>x</sub> (4)	170.21	745.52
		CO (4)	24.20	106.00
		VOC 8.10	35.50	
		SO <sub>2</sub> (4)	31.30	137.20
		PM (4)	11.50	50.40
CG802	HRSG Stack	NO <sub>x</sub> (4)	170.21	745.52
		CO (4)	24.20	106.00
		VOC 8.10	35.50	
		SO <sub>2</sub> (4)	31.30	137.20
		PM (4)	11.50	50.40
CG803	HRSG Stack	NO <sub>x</sub> (4)	170.21	745.52
		CO (4)	24.20	106.00
		VOC 8.10	35.50	
		SO <sub>2</sub> (4)	31.30	137.20
		PM (4)	11.50	50.40
CG804	HRSG Stack	NO <sub>x</sub> (4)	170.21	745.52
		CO (4)	24.20	106.00
		VOC 8.10	35.50	
		SO <sub>2</sub> (4)	31.30	137.20
		PM (4)	11.50	50.40

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide

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PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
CO - carbon monoxide

(4) These emissions are permitted under PSD and State.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\_\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,760 Hrs/year

Emission rates are based on "Three Units Operating" (worst case). Each unit is comprised of a turbine with 76.06 MW electrical output at 60°F and a heat recovery steam generator with a maximum heat input of 165.9 MMBtu/hr from supplementary gas firing.

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 31, 2001