

Maximum Emissions Both Turbines (lbs)		
CO	967.00	7,659.00
VOC	55.40	630.60
PM <sub>10</sub>	40.20	964.80
SO <sub>2</sub>	14.80	355.20

- 26) The total emissions from the Colusa Power Plant shall not exceed the limits established below.

Quarterly and Annual Estimated Combustion Emissions from CGS Facility					
Pollutant	1st Quarter Emissions (tons)	2nd Quarter Emissions (tons)	3rd Quarter Emissions (tons)	4th Quarter Emissions (tons)	Annual Emissions (tons)
NO <sub>x</sub>	45.60	43.62	51.34	44.31	184.87
CO	54.20	52.40	107.06	53.86	267.52
VOCs	12.36	11.69	11.90	11.82	47.77
PM <sub>10</sub>	35.29	35.39	35.70	35.70	142.08
SO <sub>2</sub>	4.05	3.83	3.87	3.87	15.62

- 27) Offsets for the Colusa Generating Station power plant shall be in effect prior to operation of the facility and will not be less than the following amounts at any time. The offsets presented in the table below reflect distance factors and the VOC:NOx interpollutant ratio. All ERCs for PM<sub>10</sub> will be provided prior to start of construction activities to offset construction PM<sub>10</sub> emissions.

Emission Offsets by Calendar Quarter				
Pollutant in tons	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Oxides of nitrogen (NO <sub>2</sub> )	48.70	44.97	34.97	51.60
Volatile organic compounds (CH <sub>4</sub> )	12.51	11.81	12.01	11.91
Particulate Matter PM <sub>10</sub>	31.08	29.17	22.66	33.17
Oxides of sulfur (SO <sub>2</sub> )	3.25	2.70	1.24	3.58

- 28) The construction of the facility cannot commence until all construction permits, including the USEPA PSD permit are obtained.
- 29) Total facility emissions of Toxic Air Contaminants (TACs) shall not exceed 10 tons per year for any single pollutant except ammonia, formaldehyde and propylene.

## IX APPENDICES

- Appendix A – Agricultural Burning in Colusa County
- Appendix B – Impact of Agricultural Burning on Particulate Matter and Ozone Concentrations
- Appendix C – Emission Reduction Credits and Offsets
- Appendix D – Enforcement of Emission Reduction Credits and Offsets
- Appendix E – Modeling of Emissions from Agricultural Burning ERC Fields
- Appendix F – Resolution regarding ERC transfer from the Butte County AQMD
- Appendix G - Resolution regarding ERC transfer from the Feather River AQMD