

Appendix D - EL SEGUNDO POWER, LLC
First Year NOx RTC Calculations

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|--------|--------------|------------|
| | | A/N 470652 |
| BY KLC | DATE 8/26/07 | |

Data: (per turbine)
 Operating Schedule (1st Year):
 Startups = 200 hours/year
 Shutdowns = 200 hours/year
 Normal Operations = 4,641 hours/year
 Commissioning Period = 415 hours

| Operating Condition 3 | Hours per Year | NOx (lb/hr) | NOx (lb/year) per device | NOx (lb/year) cumulative |
|---|----------------|-------------|--------------------------|--------------------------|
| Siemens SGT6-5000F CTGs | | | | |
| Startup | 200 | 56.03 | 11,206.00 | 22,412.00 |
| Shutdown | 200 | 35.46 | 7,092.00 | 14,184.00 |
| Normal Operation | 4,641 | 14.37 | 66,691.17 | 133,382.34 |
| Commissioning | 415 | 47.89 | 19,874.35 | 39,748.70 |
| CTG Totals | 5,456 | | 104,863.52 | 209,727.04 |
| | | | | |
| Total 1st Year Emissions (lb/year) | | | 104,863.52 | 209,727.04 |
| Offset Ratio | | | 1.00 | 1.00 |
| 1st year RTCs (lb/year) | | | 104,863.52 | 209,727.04 |