

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-1, TURBINE #1
JANUARY 1, 2012 THROUGH JUNE 30, 2012

| Parameter | Applicable Standard | Y/N | Other | Limit | Applicable Standard | Compliance Method | Monitoring Method | Other | Other |
|-----------|------------------------------------|-----|-------|--|--|-------------------|-------------------|-------|-------|
| NOx | BAAQMD 9-9-301.3 | Y | | 9 ppmv @ 15% O ₂ , dry | BAAQMD 9-9-501 and BAAQMD condition #19684, part 23c | C | CEM | X | |
| | BAAQMD 9-9-301.3 | Y | | 9 ppmv @ 15% O ₂ , dry | BAAQMD condition #19684, part 24a | P/A | Source Test | X | |
| | None | Y | | None | 40 CFR 75.10 | C | CEM | X | |
| NOx | NSPS, 40 CFR 60.332 (a)(1) | Y | | 99ppmv @ 15% O ₂ , dry | NSPS 40 CFR 60.334 (b)(1) and BAAQMD Condition #19684, part 26 | N | | X | |
| NOx | BAAQMD condition #19684, part 18.1 | Y | | 2.5 ppm @15% O ₂ , dry 3-hr average except during turbine startup or shutdown | BAAQMD condition #19684, part 18.1 | C | CEM | X | |
| NOx | BAAQMD condition #19684, part 18.1 | Y | | 2.5 ppm @15% O ₂ , dry 3-hr average except during turbine startup or shutdown | BAAQMD condition #19684, part 24a | P/A | Source Test | X | |
| | BAAQMD condition #19684, part 21 | Y | | 109 lb/ day (as N)(2) | BAAQMD condition #19684, part 23c | C | CEM | X | |

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| NOx | BAAQMD condition #19684, part 21 | Y | | 14.7 tons per year (as NO2) | BAAQMD condition #19684, part 23c | C | CRM | X | |
|-----|------------------------------------|---|--|---|---|-----|--|---|--|
| CO | BAAQMD condition #19684, part 18.3 | Y | | 6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown | BAAQMD condition #19684, parts 18.3 and 23c | C | CEM | X | |
| | BAAQMD condition #19684, part 18.3 | Y | | 6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown | BAAQMD condition #19684, part 24c | N/A | Source Test | X | |
| | BAAQMD condition #19684, part 21 | Y | | 159 lb/ day | BAAQMD condition #19684, part 23c | C | CEM | X | |
| CO | BAAQMD condition #19684, part 21 | Y | | 21.5 tons per year | BAAQMD condition #19684, part 23c | C | CEM | X | |
| CO2 | | Y | | None | 40 CFR 75.10 | C | CEM (CO2) or CEM (O2) or fuel flow monitor | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

| Pollutant | Chapter 91 Limit | PE | Unit | Standard | Applicable Condition | Monitoring Frequency (PAC/PS) | Monitoring Method | Compliance | Notes |
|-----------------|------------------------------------|----|------|--|--|--|--|------------|-------|
| SO ₂ | BAAQMD 9-1-301 | Y | | GLC ¹ of 0.5 ppia for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours | | N | | X | |
| | BAAQMD 9-1-302 | Y | | 300 ppm (dry) | BAAQMD condition #19684, part 23c | P/Q | Fuel Gas Total sulfur content analysis | X | |
| SO ₂ | NSPS 40 CFR 60.333(a) | Y | | 0.015% (vol) @ 15% O ₂ (dry) | NSPS 40 CFR 60.334(b)(1) and BAAQMD Condition 19684, Part 26 | Twice per month for six months, followed by quarterly for one year, followed by a semiannual frequency | Sulfur analysis | X | |
| SO ₂ | None | Y | | None | 40 CFR 75.11.40 CFR 75, Appendix D, part 23 | | Fuel measurements calculations | X | |
| | BAAQMD condition #19684, part 18.6 | Y | | 1.38 lb/hr | BAAQMD condition #19684, part 23c | P/Q | Fuel gas Total sulfur content analysis | X | |
| SO ₂ | BAAQMD condition #19684, part 18.6 | Y | | 1.38 lb/hr | BAAQMD condition #19684, part 24f | N/A | Source test | X | |
| | BAAQMD condition #19684, part 21 | Y | | 12 lb/day | BAAQMD condition #19684, part 23c | P/Q | Fuel Gas Total sulfur content analysis | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

| Pollutant | Class of Limit | Y | N | Limit | Monitoring Method | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|-----------|------------------------------------|---|---|---|---|------------------------------|--|------------|---|
| | | | | | | | | Y | N |
| SO2 | BAAQMD condition #19684, part 21 | Y | | 4.5 tons/year | BAAQMD condition #19684, part 23e | P/C | Fuel Gas Total sulfur content analysis | X | |
| Opacity | BAAQMD 6-301 | Y | | > Ringelmann No.1 for no more than 3 minutes in any hour | | N | | X | |
| Opacity | BAAQMD condition #19684, part 18 | Y | | > Ringelmann No.1 for no more than 3 minutes in any hour or equivalent 20% opacity | | N | | X | |
| FP | BAAQMD 6-310 | Y | | 0.15 grains/dscf | | N | | X | |
| PM10 | BAAQMD condition #19684, part 18.5 | Y | | 3 lb/hr | BAAQMD condition #19684, part 24c | P/A | Source Test | X | |
| | BAAQMD condition #19684, part 21 | Y | | 72 lbs/day | BAAQMD condition #19684, parts 23d, 24c | P/A | Source Test | X | |
| PM10 | BAAQMD condition #19684, part 21 | Y | | 9.8 tons/year | BAAQMD condition #19684, part 24e | P/A | Source Test | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

| Type of Limit | Condition of Limit | PE Y/N | Pollutant Name | Limit | Monitoring Method/Instrumentation | Monitoring Frequency (M/F) | Monitoring Type | Compliance | |
|---------------|------------------------------------|--------|----------------|--|---|----------------------------|--|------------|----|
| | | | | | | | | Met | No |
| POC | BAAQMD condition #19684, part 18.4 | Y | | 2 ppmv @ 15% O ₂ , dry, 1-hr average except during turbine startup or shutdown | BAAQMD condition #19684, part 24d | C | Source Test | X | |
| POC | BAAQMD condition #19684, part 18.4 | Y | | 2 ppmv @ 15% O ₂ , dry, 1-hr average except during turbine startup or shutdown | BAAQMD condition #19684, part 24d | P/A | Source Test | X | |
| POC | BAAQMD condition #19684, part 21 | Y | | 31 lb/calendar day | BAAQMD condition #19684, part 24d | P/A | Source Test | X | |
| | BAAQMD condition #19684, part 21 | Y | | 4.1 ton/year | BAAQMD condition #19684, part 24d | P/A | Source Test | X | |
| NIC | BAAQMD condition #19684, part 18.2 | N | | 10 ppmv @ 15% O ₂ , dry, averaged over 1 hr except during turbine startup or shutdown | BAAQMD condition #19684, parts 18.2 and 235 | C | Measurement ratio NH ₃ to NO _x inlet rate at SCR | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

| Type of Limit | Condition or Limit | M Y/N | Future Effective Date | Units | Applicable Requirement Citation | Monitoring Frequency (P/Q) | Monitoring Type | Compliance | |
|------------------|------------------------------------|-------|-----------------------|---|-----------------------------------|----------------------------|--|------------|----|
| | | | | | | | | Yes | No |
| | BAAQMD condition #19684, part 18.2 | N | | 10ppmv @ 15% O ₂ , dry, averaged over 1 hr except during turbine startup or shutdown | BAAQMD condition #19684, part 24b | P/A | Source Test | X | |
| Heat input limit | BAAQMD condition #19684, part 22 | Y | | 500 MMBTU/hr (HHV) | BAAQMD condition #19684, part 23d | C | Fuel meter, firing monitor | X | |
| | BAAQMD condition #19684, part 22 | Y | | 500 MMBTU/hr (HHV) | BAAQMD condition #19684, part 23d | P/Q | Fuel composition analysis | X | |
| | BAAQMD condition #19684, part 22 | Y | | 500 MMBTU/hr (LHV) | BAAQMD condition #19684, part 24g | P/A | Source test | X | |
| | BAAQMD condition #19684, part 22 | Y | | 12,000 MMBTU/day (HHV) | BAAQMD condition #19684, part 23d | C | Fuel meter, firing monitor, calculations | X | |
| Heat input limit | BAAQMD condition #19684, part 22 | Y | | 12,000 MMBTU/day (HHV) | BAAQMD condition #19684, part 23d | P/Q | Fuel composition analysis | X | |
| | BAAQMD condition #19684, part 22 | Y | | 3,250,000 MMBTU/yr (HHV) | BAAQMD condition #19684, part 23d | C | Fuel meter, firing monitor, calculations | X | |
| | BAAQMD condition #19684, part 22 | Y | | 3,250,000 MMBTU/yr (LHV) | BAAQMD condition #19684, part 24d | P/Q | Fuel composition analysis | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

| Type of Limit | Citation of Limit | PE Y/N | Future Effective Date | Limit | Monitoring Equipment Location | Monitoring Frequency (P/D/N) | Monitoring Type | Compliance | |
|-------------------------|----------------------------------|--------|-----------------------|--------------------------------|-------------------------------------|------------------------------|-----------------|------------|----|
| | | | | | | | | Yes | No |
| Unabated firing | BAAQMD condition #19684, part 8 | Y | | 100 hours during commissioning | BAAQMD condition #19684, part 8 | P/H | Records | X | |
| MW | | | | None | BAAQMD condition #19684, part 21h | P/A | Source test | X | |
| Exhaust Gas temperature | | | | None | BAAQMD condition #19684, part 24j | P/A | Source test | X | |
| Stack gas flow rate | | | | None | BAAQMD condition #19684, part 24j | P/A | Source test | X | |
| NEI injection rate | | | | None | BAAQMD condition #19684, part 24k | P/A | Source test | X | |
| Start-up Period | BAAQMD condition #19684, part 19 | | | 60 minutes per start-up | BAAQMD condition #19684, part 30(b) | P/H | Records | X | |
| Shutdown Period | BAAQMD condition #19684, part 20 | | | 30 minutes per shutdown | BAAQMD condition #19684, part 30(h) | P/E | Records | X | |

VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S2 - COOLING TOWER**

| Type of Limit | Regulatory Limit | EP Y/N | Future Change Date | Limit | Monitoring Method | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|--------------------|-------------------------|--------|--------------------|---------------------------------------|-------------------|------------------------------|-----------------|------------|----|
| | | | | | | | | Yes | No |
| Opacity | BAAQMD Regulation 6-301 | Y | | < Ringelmann 1 for more than 3 min/hr | | N | | X | |
| Particulate Weight | BAAQMD Regulation 6-301 | Y | | 0.15 grains per dscf | | N | | X | |