

Metcalf Energy Center
Title V CEMS Semi-Annual Monitoring Report
January 1st to June 30th, 2013

Table VII - A
Applicable Limits and Compliance Monitoring Requirements

S-1, GAS TURBINE #1

S-2, GAS TURBINE #2

| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|---------------|-----------------------------------|--------|--|-----------------------------------|------------------------------|-----------------------------|------------|----|
| | | | | | | | Yes | No |
| NOx | BAAQMD 9-3-303 | N | 125 ppm | BAAQMD 1-520.1 | C | CEM | X | |
| NOx | BAAQMD 9-9-301.1.3 | N | 9 ppmv @ 15% O2, dry | BAAQMD 9-9-501 | C | CEM | X | |
| NOx | SIP 9-9-301.3 | Y | 9 ppmv @ 15% O2, dry | SIP 9-9-501 | C | CEM | X | |
| NOx | BAAQMD 9-9-301.2 | N | 0.15 LB/MMBTU or 5 ppmv | BAAQMD 9-9-501 | C | CEM | X | |
| NOx | NSPS, 40 CFR 60.332 (a)(1) | Y | 75 ppmv @ 15% O2, dry, 4-hour rolling average | NSPS 40 CFR 60.334(c.) | C | CEM | X | |
| | | Y | None | 40 CFR 75.10 | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 19.2 lb/hr for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 19.2 lb/hr for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 0.00904 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 0.00904 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |

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|---------------|-----------------------------------|--------|---|-----------------------------------|------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| NOx | BAAQMD condition #18310, part 20b | Y | 2.5 ppmv, @ 15% O2, dry, for each turbine/HRSG powertrain, 1-hr average except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |
| NOx | BAAQMD condition #18310, part 20b | Y | 2.5 ppmv, @ 15% O2, dry, for each turbine/HRSG powertrain, 1-hr average except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 21 | Y | 240 lb/gas turbine start-up | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 21 | Y | 480 lb/hr during gas turbine cold start-up or combustor tuning period | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 21 | Y | 80 lb/gas turbine shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 24a | Y | 1362.6 lb/day for S-1, S-3 Gas Turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 25a | Y | 123.4 ton/yr for S-1, S-3 Gas Turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period) | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20c | Y | 18.7 lb/hr, for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |
| CO | BAAQMD condition #18310, part 20c | Y | 18.7 lb/hr, for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |

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|---------------|-----------------------------------|--------|---|-----------------------------------|--------------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| CO | BAAQMD condition #18310, part 20d | Y | 0.0088 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 0.0088 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 4 ppmv @ 15% O ₂ , dry, for each turbine/HRSG powertrain, 3-hr average, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 4 ppmv @ 15% O ₂ , dry, for each turbine/HRSG powertrain, 3-hr average, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 4 ppmv @ 15% O ₂ , dry, for each turbine/HRSG powertrain, 3-hr average, except during turbine startup and shutdown | 40 CFR 64.3 (b)(4)(ii) | At least 4 times per hour (CAM Plan) | CEM | X | |
| CO | BAAQMD condition #18310, part 21 | Y | 2,514 lb/gas turbine startup | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 21 | Y | 5028 lb/hr during gas turbine cold start-up or combustor tuning period | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 21 | Y | 902 lb/gas turbine shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 24b | Y | 7,891.1 lb/day for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, Part 27b | C | CEM | X | |

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|-----------------|-----------------------------------|--------|--|--|------------------------------|---|------------|----|
| | | | | | | | Yes | No |
| CO | BAAQMD condition #18310, part 25b | Y | 588 ton/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined (includes emissions from commissioning period) | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO ₂ | | Y | None | 40 CFR 75.10 | C | fuel flow monitor and CO ₂ calculation | X | |
| SO ₂ | BAAQMD 9-1-301 | Y | GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours | | N | | X | |
| SO ₂ | BAAQMD 9-1-302 | Y | 300 ppm (dry) | | N | | X | |
| SO ₂ | NSPS 40 CFR 60.333(a) | Y | 0.015% (vol.) @ 15% O ₂ (dry) | NSPS 40 CFR 60.334(h) | N | | X | |
| SO ₂ | NSPS 40 CFR 60.333(b) | Y | Total sulfur content of fuel not to exceed 0.8 percent by weight (8000 ppmw) | NSPS 40 CFR 60.334(h)(3)(i) and BAAQMD condition #18310, Part 45 | P/M | Fuel sulfur content testing | X | |
| SO ₂ | | Y | None | 40 CFR 75.11, 40 CFR 75, Appendix D, part 2.3 | P/A | Fuel measurements, calculations | X | |
| SO ₂ | BAAQMD condition #18310, part 20g | Y | 1.28 lb/hr, for each turbine/HRSH powertrain | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| SO ₂ | BAAQMD condition #18310, part 20g | Y | 1.28 lb/hr, for each turbine/HRSH powertrain | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |

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|------------------|-----------------------------------|--------|--|----------------------------------|------------------------------|-----------------------------|------------|----|
| | | | | | | | Yes | No |
| SO2 | BAAQMD condition #18310, part 20g | Y | 0.0006lb/MM BTU, for each turbine/HRSG powertrain | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| SO2 | BAAQMD condition #18310, part 20g | Y | 0.0006lb/MM BTU, for each turbine/HRSG powertrain | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| SO2 | BAAQMD condition #18310, part 24e | Y | 57.9 lb/day for each turbine/HRSG powertrain | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| SO2 | BAAQMD condition #18310, part 25e | Y | 10.6 ton /yr for each turbine/HRSG powertrain (includes emissions from commissioning period) | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| Opacity | BAAQMD 6-1-301 | N | > Ringelmann No. 1 for no more than 3 minutes in any hour | | N | | X | |
| Opacity | SIP 6-301 | Y | > Ringelmann No. 1 for no more than 3 minutes in any hour | | N | | X | |
| FP | BAAQMD 6-1-310.3 | N | 0.15 grain/dscf @ 6% O2 | | N | | X | |
| FP | SIP 6-310.3 | Y | 0.15 grain/dscf @ 6% O2 | | N | | X | |
| PM ₁₀ | BAAQMD condition #18310, part 20h | Y | 9 lb/hr, for each turbine/HRSG powertrain | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| PM ₁₀ | BAAQMD condition #18310, part 20h | Y | 0.00452 lb/MM BTU, for each turbine/HRSG powertrain | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| PM ₁₀ | BAAQMD condition #18310, part 24d | Y | 510 lb/day for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |

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|------------------|-----------------------------------|--------|--|----------------------------------|------------------------------|-----------------------------|------------|----|
| | | | | | | | Yes | No |
| PM ₁₀ | BAAQMD condition #18310, part 25d | Y | 83.34 ton/yr for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period) | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| POC | BAAQMD condition #18310, part 20f | Y | 2.7 lb/hr (as CH ₄) for each turbine/HRSG powertrain except during turbine startup and shut down | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| POC | BAAQMD condition #18310, part 20f | Y | 0.00126 lb/MM BTU (as CH ₄) for each turbine/HRSG powertrain except during turbine startup and shut down | BAAQMD condition #18310, part 31 | P/A | Source test at maximum load | X | |
| POC | BAAQMD condition #18310, part 21 | Y | 48 lb/gas turbine startup | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| POC | BAAQMD condition #18310, part 21 | Y | 16 lb/gas turbine shutdown | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| POC | BAAQMD condition #18310, part 21 | Y | 96 lb/hr during gas turbine cold start up or combustor tuning period | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| POC | BAAQMD condition #18310, part 24c | Y | 230.2 lb/day (as CH ₄) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |
| POC | BAAQMD condition #18310, part 25c | Y | 28 ton/yr) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period) | BAAQMD condition #18310, part 28 | P/D | Records, calculations | X | |

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|------------------------|-----------------------------------|--------|--|-----------------------------------|---------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| NH ₃ | BAAQMD condition #18310, part 20e | N | 5 ppmv, @ 15% O2 dry, averaged over 3 hrs for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, part 27c | C | Ammonia injection rate monitor | X | |
| Formaldehyde | BAAQMD condition #18310, part 26a | N | 3796 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 29 | P/D | Records, calculations | X | |
| Formaldehyde | BAAQMD condition #18310, part 26a | N | 3796 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Benzene | BAAQMD condition #18310, part 26b | N | 480 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 29 | P/D | Records, calculations | X | |
| Benzene | BAAQMD condition #18310, part 26b | N | 480 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Specific PAH Compounds | BAAQMD condition #18310, part 26c | N | 22.8 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 29 | P/D | Records, calculations | X | |
| Specific PAH Compounds | BAAQMD condition #18310, part 26c | N | 22.8 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Heat input limit | BAAQMD condition #18310, part 14 | Y | 2,124 MM BTU/hr (HHV), 3-hr average for each turbine/HRSG powertrain | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |
| Heat input limit | BAAQMD condition #18310, part 15 | Y | 49,908 MM BTU/calendar day (HHV), for each turbine/HRSG powertrain | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |

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| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|--|----------------------------------|--------|---|-----------------------------------|------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| Heat input limit | BAAQMD condition #18310, part 16 | Y | 35,274,060 MM BTU/yr (HHV) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |
| Cold Start-Up, Combustor Tuning Firing Limit | BAAQMD condition #18310, part 48 | Y | 30 firing hours per year for S-1 and S-3 gas turbines, combined for purposes of cold start-up or combustor tuning | BAAQMD condition #18310, part 49 | P/E | Recordkeeping | X | |

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Table VII - B

Applicable Limits and Compliance Monitoring Requirements

S-3, HEAT RECOVERY STEAM GENERATOR #1

S-4, HEAT RECOVERY STEAM GENERATOR #2

| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|---------------|-----------------------------------|--------|--|---|------------------------------|-----------------------------|------------|----|
| | | | | | | | Yes | No |
| NOx | BAAQMD 9-9-301.1.3 | N | 9 ppmv @ 15% O2, dry | BAAQMD 9-9-501 | C | CEM | X | |
| NOx | SIP 9-9-301.3 | Y | 9 ppmv @ 15% O2, dry | SIP 9-9-501 | C | CEM | X | |
| NOx | BAAQMD 9-9-301.2 | N | 0.15 LB/MMBTU or 5 ppmv | BAAQMD 9-9-501 | C | CEM | X | |
| NOx | NSPS, 40 CFR 60.44b (a)(4)(i) | Y | 0.2 lb/ MM BTU except, during start-up, shutdown or malfunction | NSPS 40 CFR 60.48b (b)(2) and BAAQMD Condition #18310, part 27b | C | CEM | X | |
| NOx | NSPS, 40 CFR 60.332 (a)(1) | Y | 75 ppmv @ 15% O2, dry, 4-hour rolling average | NSPS 40 CFR 60.334(c.) and BAAQMD Condition #18310, part 27b | C | CEM | X | |
| NOx | | Y | None | 40 CFR 75.10 | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 19.2 lb/hr for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 19.2 lb/hr for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 0.00904 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 20a | Y | 0.00904 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |

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| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|---------------|-----------------------------------|--------|---|-----------------------------------|------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| NOx | BAAQMD condition #18310, part 20b | Y | 2.5 ppmv, @ 15% O2, dry, for each turbine/HRSG powertrain, 1-hr average except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load | X | |
| NOx | BAAQMD condition #18310, part 20b | Y | 2.5 ppmv, @ 15% O2, dry, for each turbine/HRSG powertrain, 1-hr average except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 24a | Y | 1362.6 lb/day for S-1, S-3 Gas Turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| NOx | BAAQMD condition #18310, part 25a | Y | 123.4 ton/yr for S-1, S-3 Gas Turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period) | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20c | Y | 18.7 lb/hr, for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |
| CO | BAAQMD condition #18310, part 20c | Y | 18.7 lb/hr, for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 0.0088 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 0.0088 lb/MM BTU for each turbine/HRSG powertrain, except during turbine startup and shutdown | BAAQMD condition #18310, Part 27b | C | CEM | X | |
| CO | BAAQMD condition #18310, part 20d | Y | 4 ppmv @ 15% O2, dry, for each turbine/HRSG powertrain, 3-hr average, except during turbine startup and shutdown | BAAQMD condition #18310, Part 31 | P/A | Source Test at maximum load and minimum load | X | |

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| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|------------------------|-----------------------------------|--------|---|-----------------------------------|---------------------------------|--|------------|----|
| | | | | | | | Yes | No |
| Formaldehyde | BAAQMD condition #18310, part 26a | N | 3796 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Benzene | BAAQMD condition #18310, part 26b | N | 480 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 29 | P/D | Records, calculations | X | |
| Benzene | BAAQMD condition #18310, part 26b | N | 480 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Specific PAH Compounds | BAAQMD condition #18310, part 26c | N | 22.8 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 29 | P/D | Records, calculations | X | |
| Specific PAH Compounds | BAAQMD condition #18310, part 26c | N | 22.8 lb/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 33 | P/every two years on P-1 or P-2 | Source Test | X | |
| Heat input limit | BAAQMD condition #18310, part 14 | Y | 2,124 MM BTU/hr (HHV), 3-hr average for each turbine/HRSG powertrain | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |
| Heat input limit | BAAQMD condition #18310, part 15 | Y | 49,908 MM BTU/calendar day (HHV), for each turbine/HRSG powertrain | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |
| Heat input limit | BAAQMD condition #18310, part 16 | Y | 35,274,060 MM BTU/yr (HHV) for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |
| Prohibited firing | BAAQMD condition #18310, part 17 | Y | Each HRSG duct burner may not be fired unless its associated gas turbine is being fired | BAAQMD condition #18310, part 27a | C | Fuel meter, firing monitor, calculations | X | |

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Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-5 COOLING TOWER

| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|------------------------|----------------------------------|--------|---|----------------------------------|------------------------------|---|------------|----|
| | | | | | | | Yes | No |
| Opacity | BAAQMD 6-1-301 | N | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | X | |
| FP | BAAQMD 6-1-310 | N | 0.15 gr/dscf | | N | | X | |
| Opacity | SIP 6-301 | Y | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | X | |
| FP | SIP 6-310 | Y | 0.15 gr/dscf | | N | | X | |
| Drift Rate | BAAQMD Condition #18310, part 46 | Y | 0.0005% | BAAQMD Condition #18310, part 46 | P | Initial Source Test | X | |
| Total Dissolved Solids | BAAQMD Condition #18310, part 46 | Y | 5438 ppmw (mg/l) | BAAQMD Condition #18310, part 46 | P/D | Sampling and Testing of cooling tower water | X | |

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Table VII – D
Applicable Limits and Compliance Monitoring Requirements
S-6 STATIONARY STANDBY GENERATOR SET

| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|--------------------------------|--------------------------------|--------|---|---------------------------------|------------------------------|-----------------|--------------------------------|----|
| | | | | | | | Yes | No |
| Opacity | BAAQMD 6-1-301 | N | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | SOURCE NOT COMMISSIONED | |
| Opacity | SIP 6-301 | Y | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | | |
| FP | BAAQMD 6-1-310.3 | N | 0.15 gr/dscf @ 6% O2 | | N | | | |
| FP | SIP 6-310.3 | Y | 0.15 gr/dscf @ 6% O2 | | N | | | |
| SO ₂ | BAAQMD 9-1-301 | Y | GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours | | N | | | |
| SO ₂ | BAAQMD 9-1-302 | Y | 300 ppm (dry) | | N | | | |
| Heat Input Limit | BAAQMD Condition #22231 part 1 | Y | 14.1 MM BTU/hr | | N | | | |
| Reliability Related activities | BAAQMD Condition #22231 part 2 | Y | 100 hours per calendar year | BAAQMD Condition #22231 part 6 | P/E | Recordkeeping | | |
| NOx, CO and POC | BAAQMD Condition #22231 part 3 | Y | 1.0 g NOx/bhp-hr 2.75 g CO/bhp-hr 1.0 g POC/bhp-hr | | N | | | |

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Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S-7 FIRE PUMP DIESEL ENGINE

| Type of Limit | Citation of Limit | FE Y/N | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance | |
|--------------------------------|----------------------------------|--------|---|-----------------------------------|------------------------------|----------------------------------|------------|----|
| | | | | | | | Yes | No |
| Opacity | BAAQMD 6-1-301 | N | >Ringelmann No.2 for no more than 3 minutes in any hour | | N | | X | |
| Opacity | SIP 6-301 | Y | >Ringelmann No.2 for no more than 3 minutes in any hour | | N | | X | |
| FP | BAAQMD 6-1-310.3 | N | 0.15 gr/dscf @ 6% O2 | | N | | X | |
| FP | SIP 6-310.3 | Y | 0.15 gr/dscf @ 6% O2 | | N | | X | |
| SO ₂ | BAAQMD 9-1-301 | Y | GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours | | N | | X | |
| Fuel Sulfur Content | BAAQMD 9-1-304 | Y | Sulfur Content ≤ 0.5% by weight | | N | | X | |
| SO ₂ | BAAQMD Condition #19610, part 39 | N | Sulfur content of fuel less than 0.05% by weight | BAAQMD Condition #19610, part 39 | P/E | | X | |
| Reliability Related activities | BAAQMD Condition #21917 part 1 | Y | 30 hours per calendar year | BAAQMD Condition #21917 part 2, 3 | P/E | Totalizing Meter, record keeping | X | |