

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-1, TURBINE #1
NOVEMBER 1, 2011 THROUGH APRIL 30, 2012

NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O2, dry	BAAQMD 9-9-501 and BAAQMD condition #20057, part 23c	C	CEM	X	
NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O2, dry	BAAQMD condition #20057, part 24a	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
NOx	BAAQMD 9-9-301.2	N		.43 lbs/MW or 9 ppmv @ 15% O2, dry	BAAQMD 9-9-501 and BAAQMD Condition #20057 part 23c	C	CEM	X	
NOx	SIP Regulation 9-9-301.3	Y		9 ppmv @ 15% O2, dry	BAAQMD 9-9-501 and BAAQMD condition #20057, part 23c	C	CEM	X	
	SIP Regulation 9-9-301.3	Y		9 ppmv @ 15% O2, dry	BAAQMD condition #20057, part 24a	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
NOx	NSPS, 40 CFR 60.332(a)(1)	Y		75 ppmv @ 15% O2, dry	NSPS 40CFR 60.334(c)	C	CEM	X	
NOx	None	Y		None	40 CFR 75.10	C	CEM	X	

VII. Applicable Limits and Compliance Monitoring Requirements

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Parameter	Condition	Y/N	Other	Limit	Condition	Category	Method	Frequency	Other
NOx	BAAQMD condition #20057, part 18.1	Y		2.5 ppm @15% O ₂ , dry 3-hr rolling average except during turbine startup or shutdown	BAAQMD condition #20057, part 18.1	C	CEM	X	
NOx	BAAQMD condition #20057, part 18.1	Y		2.5 ppm @15% O ₂ , dry 3-hr average except during turbine startup or shutdown	BAAQMD condition #20057, part 24a	P/A	Source test	every 8000 hrs or every 3 yrs, whichever comes first	X
NOx	BAAQMD condition #2057, part 21	Y		121 lb/ calendar day (as NO ₂)	BAAQMD condition #20057, part 23c	C	CEM	X	
NOx	BAAQMD condition #20057, part 21	Y		16.4 tons per calendar year (as NO ₂)	BAAQMD condition #20057, part 23c	C	CEM	X	
CO	BAAQMD condition #20057, part 18.3	Y		6 ppmv. @ 15% O ₂ , dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20057, parts 18.3 and 23c	C	CEM	X	

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Parameter	Standard	Applicable	Limit	Standard	Monitoring Method	Frequency	Compliance Method	Monitoring	Notes
CO	BAAQMD condition #20057, part 18.3	Y	6 ppmv, @ 15% O ₂ , dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20057, part 24c	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X		
CO	BAAQMD condition #20057, part 21	Y	163 lbv calendar day	BAAQMD condition #20057, part 23c	C	CEM	X		
CO	BAAQMD condition #20057, part 21	Y	29.1 tons per calendar year	BAAQMD condition #20057, part 23c	C	CEM	X		
CO ₂		Y	None	40 CFR 75.10	C	CEM (CO ₂) or CEM (O ₂) or fuel flow monitor	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)	BAAQMD condition #20057, part 23c	P/Q	Total Sulfur analysis	X		
SO ₂	NSPS 40 CFR 60.333(a)	Y	0.015% (vol) @ 15% O ₂ (dry)	NSPS 40 CFR 60.334(h)(3)		Fuel Measurements, calculations	X		

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Parameter	Standard	Applicable	Limit	Method	Frequency	Measurement Method	Monitoring Method	Compliance
SO ₂	None	Y	None	40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3		Fuel measure- ments, calculations	X	
SO ₂	BAAQMD condition #20057, part 18.6	Y	1.39 lb/hr excluding startup and shutdown of turbines	BAAQMD condition #20057, part 23c	P/Q	Total sulfur content analysis	X	
SO ₂	BAAQMD condition #20057, part 18.6	Y	1.39 lb/hr excluding startup and shutdown of the turbines	BAAQMD condition #20057, part 24f	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
SO ₂	BAAQMD condition #20057, part 21	Y	33 lb/ calendar day	BAAQMD condition #20057, part 23c	P/Q	Total sulfur analysis	X	
SO ₂	BAAQMD condition #20057, part 21	Y	6.0 tons/ calendar year	BAAQMD condition #20057, part 23c	P/Q	Total sulfur analysis	X	
Opacity	BAAQMD 6-1-301	N	>Ringelman No.1 for no more than 3 minutes in any hour		N		X	
Opacity	SIP 6-301	Y	>Ringelman No.1 for no more than 3 minutes in any hour		N		X	

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Parameter	Condition	Enforced	Effective Date	Limit	Monitoring Program	Monitoring	Compliance	
Opacity	BAAQMD condition #20057, part 17	Y		> Ringelmann No.1 for no more than 3 minutes in any hour or equivalent 20% opacity		N	X	
Filterable Particulate	BAAQMD 6-1-310	N		0.15 grains/dscf		N	X	
Filterable Particulate	SIP 6-310	Y		0.15 grains/dscf		N	X	
PM10	BAAQMD condition #20057, part 18.5	Y		3 lb/hr for 5-1	BAAQMD condition #20057, part 24c	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X
PM10	BAAQMD condition #20057, part 21	Y		72 lb/ calendar day	BAAQMD condition #20057, parts 24c	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X
PM10	BAAQMD condition #20057, part 21	Y		13.1 tons/ calendar year	BAAQMD condition #20057, part 24e	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X
POC	BAAQMD condition #20057, part 18.4	Y		2 ppmv @ 15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20057, part 24d	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X

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Pollutant	Applicable Limit	Mandatory	Units	Limit	BAAQMD Condition	Frequency	Monitoring	Compliance	
								Method	Frequency
POC	BAAQMD condition #20057, part 21	Y		30.0 lb/calendar day	BAAQMD condition #20057, part 24a	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
POC	BAAQMD condition #20057, part 21	Y		4.9 ton/calendar year	BAAQMD condition #20057, part 24d	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
NH3	BAAQMD condition #20057, part 18.2	N		10ppmv @15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20057, parts 18.2 and 23b	C	Calculation based on source test and NH3 to NOx ratio at inlet to SCR	X	
NH3	BAAQMD condition #20057, part 18.2	N		10ppmv @15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20057, part 24b	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		500 MMBTU/hr (LHV)	BAAQMD condition #20057, part 23d	C	Fuel meter	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		500 MMBTU/hr (HHV)	BAAQMD condition #20057, part 23d	P/M	Fuel composition analysis	X	

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Parameter	Condition or Limit	Y/N	Future Effective Date	Limit	Applicable BAAQMD Condition	Compliance Method	Monitoring Method	Frequency	Notes
Heat input limit	BAAQMD condition #20057, part 22	Y		500 MMBTU/hr (HHV)	BAAQMD condition #20057, part 24g	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20057, part 23d	C	Fuel meter, calculations	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20057, part 31g	P/Q	Fuel composition analysis	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		4,380,000 MMBTU/yr	BAAQMD condition #20057, part 23d	C	Fuel meter, calculations	X	
Heat input limit	BAAQMD condition #20057, part 22	Y		4,380,000 MMBTU/yr	BAAQMD condition #20057, part 31g	P/Q	Fuel composition analysis	X	
MW	N/A			None	BAAQMD condition #20057, part 24h	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
Exhaust Gas temperature	N/A			None	BAAQMD condition #20057, part 24j	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	

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Type of Limit	Limit	Y/N	Effect of Data	Limit	Monitoring Requirements	Monitoring Method (P/E)	Monitoring Type	Compliance	
								Year	Qtr
Stack gas flow	N/A			None	BAAQMD condition #20057, part 24i	P/A	Source test every 8000 hrs or every 3 yrs, whichever comes first	X	
NH3 injection rate	N/A			None	BAAQMD condition #20057, part 24k, 18.2	P/A	Source test District approved correct ammonia slip calculation and correction factor determined by source test with source test every 8,000 hrs or every 3 yrs, whichever comes first	X	
Start-up Period	BAAQMD Condition #20057 part 19			60 minutes per start-up	BAAQMD condition #2057, part 31(b)	P/E	Records	X	
Shutdown Period	BAAQMD Condition #20057 part 20			30 minutes per shutdown	BAAQMD condition #2057, part 31(b)	P/A	Records	X	
Fuel Sulfur Content	40 CFR 60.333(b)			0.8 percent by weight (8000ppmw) sulfur	40CFR 60.334(h)(1)	P	Fuel Sulfur Content Testing	X	

VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S2 - DIESEL FIREWATER PUMP**

Parameter	Regulation	Compliance	Monitoring	Method	Frequency	Reporting	Notes	Compliance	Monitoring
SO2	BAAQMD 9-1-301 BAAQMD	N		GLC1 of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		P/E	Fuel certification by vendor	X	
	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight		P/E	Fuel certification by vendor	X	
Opacity	SIP Regulation 6-302	Y		<Ringelman No. 2 for more than 3 min/hr		N		X	
Opacity	BAAQMD Regulation 6-1-302	N		<Ringelman No. 2 for more than 3 min/hr		N		X	
FP	SIP Regulation 6-310	Y		0.15 grain/dscf		N		X	
FP	BAAQMD Regulation 6-1-310	N		0.15 grain/dscf		N		X	
Hours of operation	BAAQMD 9-8-330.1 BAAQMD Condition #22850 Part I	Y		Emergency use for an unlimited number of hours	BAAQMD 9-8-530 BAAQMD Condition #22850 Part 3	C P/E	Hour meter, recordkeeping	X	

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Parameter	Regulation	Enforced	Enforce Date	Description	Monitoring Requirement	Monitoring Frequency	Monitoring Manner	Compliance	
								Yes	No
Hours of operation	BAAQMD 9-8-330.2 BAAQMD Condition #22850 Part 1	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Regulation 9-8-530 BAAQMD Condition #22850 Part 3	C D/E	Hour meter, recordkeeping	X	

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3 - COOLING TOWER

Parameter	Regulation	Enforced	Enforce Date	Description	Monitoring Requirement	Monitoring Frequency	Monitoring Manner	Compliance	
								Yes	No
Opacity	BAAQMD Regulation 6-1-301	N		<Ringelmann No. 1 for more than 3 min/hr	N	N		X	
Opacity	SIP Regulation 6-301	Y		<Ringelmann No. 1 for more than 3 min/hr	N	N		X	
Particulate Weight	BAAQMD Regulation 6-1-310	N		0.15 grains per dscl	N	N		X	
Particulate Weight	SIP Regulation 6-310	Y		0.15 grains per dscl	Y	N		X	
Particulate Weight	BAAQMD Regulation 6-1-311	Y		40 lb/hr	N	N		X	

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Pollutant	Regulation	Y/N	Limit	Monitoring	Monitoring	Monitoring	Compliance	
				Required	Frequency		Type	Yes
Particulate Weight	SIP Regulation 6-311	Y	40 lb/hr	N	N		X	