### Los Medanos Energy Center, LLC

750 East Third Street Pittsburg, CA 94565

April 29, 2022

TV Tracking #: 450

1. D RECEIVED IN 04/30/2022 ENFORCEMENT:

Compliance and Enforcement Division Bay Area Air Quality Management District 375 Beale Street, Suite 600 San Francisco, CA 94105

Re: Los Medanos Energy Center Facility B1866 Title V Semi-Annual Continuous Emission Monitoring Report Reporting Period: October 1, 2021 through March 31, 2022

Attn: Title V Reports

Enclosed is the Title V <u>Semi-Annual Continuous Emissions Monitoring Report</u> for the Los Medanos Energy Center (LMEC).

During the reporting period LMEC was in compliance with Title V and District CEMS regulations. There were no excess emissions or Notices of Violation during the reporting period.

If you have any questions, please contact Maria Barroso, EHS Specialist at (925) 529-8286.

As a Responsible Official, I certify that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Sincerely,

ton Show

Victor Shaw Authorized Signatory and General Manager

cc: California Energy Commission

Attachment

#### Table VII – A Applicable Limits and Compliance Monitoring Requirements S-1, S-3 TURBINES S-2, S-4 HEAT RECOVERY STEAM GENERATORS

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре		
NO <sub>x</sub>	BAAQMD	Ν		125 ppm	BAAQMD	С	CEM	Х	
	9-3-303				1-520.1				
	BAAQMD	Ν		0.15 lb/MW-hr or 5 ppmv	BAAQMD	С	CEM	Х	
	9-9-301.2				9-9-501				
NOx	SIP	Ν		9 ppmv @ 15% O2, dry	BAAQMD 9-	С	CEM	Х	
	9-9-301.2				9-501				
	NSPS, 40	Y		0.2 lb/MMBtu	40 CFR 60.48	С	CEM	Х	
	CFR 60.44				Da(j)				
	Da (a)(1)								
NO <sub>x</sub>	NSPS, 40	Y		1.6 lb/MW-hr	40 CFR 60.48	С	CEM	Х	
	CFR 60.44			(rolling 24-hr average)	Da(k)				
	Da (d)(1								
NO <sub>x</sub>	NSPS, 40	Y		75 ppmv, @ 15% O2, dry	40 CFR	С	CEM	Х	
	CFR 60.332			4-hr average	60.334(c) and				
	(a)(1)				BAAQMD				
					Condition				
					16676, Part				
					35b				
		Y		None	40 CFR 75.10	С	CEM	Х	
NO <sub>x</sub>	BAAQMD	Y		20 lb/hr, for each turbine	BAAQMD	С	CEM		
	condition			and HRSG combined,	condition				
	#16676,			except during turbine	#16676,			Х	
	part 21a			startup, shutdown, steam	part 35b				
				turbine cold start-up, or					
				combustor tuning period					
NOx	BAAQMD	Y		20 lb/hr, for each turbine	BAAQMD	P/A	Source test	Х	
	condition			and HRSG combined,	condition		at maximum		
	#16676,			except during turbine	#16676,		load		
	part 21a			startup, shutdown, steam	part 39				
				turbine cold start-up, or					
				combustor tuning period					
NO <sub>x</sub>	BAAQMD	Y		0.009 lb/MM BTU, for each	BAAQMD	С	CEM	Х	
	condition			turbine and HRSG	condition				
	#16676,			combined, except during	#16676,				
	part 21a			turbine startup, shutdown,	part 35b				
				steam turbine cold start-up,					
				or combustor tuning period					

			Future		Monitoring	Monitoring		Com	pliance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Vec	Na
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
NO <sub>x</sub>	BAAQMD	Y		0.009 lb/MM BTU, for each	BAAQMD	P/A	Source test	Х	
	condition			turbine and HRSG	condition		at maximum		
	#16676,			combined, except during	#16676,		load		
	part 21a			turbine startup, shutdown,	part 39				
				steam turbine cold start-up,					
				or combustor tuning period					
NO <sub>x</sub>	BAAQMD	Y		2.5 ppmv, @ 15% O2, dry,	BAAQMD	P/A	Source test	Х	
	condition			for each turbine and HRSG	condition		at maximum		
	#16676,			combined, 1-hr average	#16676,		load		
	part 21b			except during turbine	part 39				
				startup, shutdown, steam					
				turbine cold start-up, or					
				combustor tuning period					
$NO_x$	BAAQMD	Y		2.5 ppmv, @ 15% O <sub>2</sub> , dry,	BAAQMD	С	CEM	Х	
	condition			for each turbine and HRSG	condition				
	#16676,			combined, 1-hr average	#16676,				
	part 21b			except during turbine	part 35b				
				startup, shutdown, steam					
				turbine cold start-up, or					
				combustor tuning period					
NOx	BAAQMD	Y		240 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			start-up	condition		calculations		
	#16676,				#16676,				
	part 23(a)				part 36				
	BAAQMD	Y		20 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			shutdown	condition		calculations		
	#16676,				#16676,				
	part 23(a)	Y		600 lb/turbine during steam	part 36 BAAQMD	P/D	Records,	X	
	BAAQMD condition	1		turbine cold start-up or	condition	r/D	calculations	Λ	
	#16676,			combustor tuning period	#16676,		calculations		
	#10070, part 23(a)			compusion tuning period	#10070, part 36				
NOx	BAAQMD	Y		1342 lb/day for turbines,	BAAQMD	С	СЕМ	X	
1103	condition	1		HRSGs, and auxiliary	condition			23	
	#16676,			boiler combined	#16676,				
	part 32a				part 35b				
	BAAQMD	Y		175.7 ton/yr for turbines,	BAAQMD	С	CEM	Х	1
	condition			HRSGs, and auxiliary	condition	-		-	
	#16676,			boiler combined (includes	#16676,				
	part 33a			emissions from	part 35b				
				commissioning period)	· ·				

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	ies	INO
CO	BAAQMD	Y		29.2 lb/hr, for turbine and	BAAQMD	P/A	Source test	Х	
	condition			HRSG combined, except	condition		at maximum		
	#16676,			during turbine startup,	#16676,		and		
	part 21c			shutdown, steam turbine	part 39		minimum		
				cold start-up, or combustor			load		
				tuning period					
СО	BAAQMD	Y		29.2 lb/hr, for turbine and	BAAQMD	С	CEM		
	condition			HRSG combined, except	condition				
	#16676,			during turbine startup,	#16676,			Х	
	part 21c			shutdown, steam turbine	part 35b				
				cold start-up, or combustor	-				
				tuning period					
	BAAQMD	Y		0.0132 lb/MM BTU, for	BAAQMD	P/A	Source test	Х	
	condition			turbine and HRSG	condition		at maximum		
	#16676,			combined, except during	#16676,		and		
	part 21c			turbine startup, shutdown,	part 39		minimum		
				steam turbine cold start-up,	1		load		
				or combustor tuning period					
	BAAQMD	Y		0.0132 lb/MM BTU, for	BAAQMD	С	CEM		
	condition			turbine and HRSG	condition				
	#16676,			combined, except during	#16676,			Х	
	part 21c			turbine startup, shutdown,	part 35b				
				steam turbine cold start-up,	-				
				or combustor tuning period					
СО	BAAQMD	Y		6 ppmv, @ 15% O <sub>2</sub> , dry,	BAAQMD	С	CEM		
	condition			for turbine and HRSG	condition				
	#16676,			combined, 3-hr average	#16676,			Х	
	part 21d			except during turbine	part 35b				
	•			startup, shutdown, steam	1				
				turbine cold start-up, or					
				combustor tuning period					
СО	BAAQMD	Y		6 ppmv, @ 15% O <sub>2</sub> , dry,	BAAQMD	P/A	Source test	Х	
	condition			for turbine and HRSG	condition		at maximum		
	#16676,			combined, 3-hr average	#16676,		and		
	part 21d			except during turbine	part 39		minimum		
	-			startup, shutdown, steam			load		
				turbine cold start-up, or					
				combustor tuning period					
СО	BAAQMD	Y		2514 lb/turbine during start-	BAAQMD	P/D	Records,	Х	
	condition			up, steam turbine cold start-	condition		calculations		
	#16676,			up, or combustor tuning	#16676,				
	part 23(b)			period	part 36				

			Future		Monitoring	Monitoring		Comp	oliance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре		
CO	BAAQMD	Y		44.1 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			shutdown	condition		calculations		
	#16676,				#16676,				
	part 23(b)				part 36				
	BAAQMD	Y		6445 lb/day for turbines,	BAAQMD	С	CEM	Х	
	condition			HRSGs, and auxiliary	condition				
	#16676,			boiler combined	#16676,				
	part 32b				part 35b				
CO	BAAQMD	Y		506.4 ton/yr for turbines,	BAAQMD	С	CEM	Х	
	condition			HRSGs, and auxiliary	condition				
	#16676,			boiler combined (includes	#16676,				
	part 33b			emissions from	part 35b				
				commissioning period)					
CO <sub>2</sub>		Y		None	40 CFR 75.10	С	fuel flow monitor and CO <sub>2</sub>	Х	
							calculation		
$SO_2$	BAAQMD	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min		Ν		N/A	
	9-1-301			or 0.25 ppm for 60 min or					
				0.05 ppm for 24 hours					
	BAAQMD	Y		300 ppm (dry)		Ν		N/A	
	9-1-302								
$SO_2$	NSPS	Y		0.015% (vol) @ 15% O <sub>2</sub>	NSPS 40	P/M	Monthly	Х	
	40 CFR			(dry) or total sulfur content	CFR 60.334		fuel sulfur		
	60.333(b)			of fuel less than or equal to	(h) (3) (ii)		analysis		
				0.8% sulfur by weight	and				
				(8,000 ppmw)	BAAQMD				
					Condition				
					16676, Part				
					14				
0.0								37/4	
$SO_2$	NSPS 40			0.2 lb/MMBtu, 24 hr		Ν		N/A	
	CFR 60.43			average except during					
	Da (b)(2)			startup, shutdown	40.000				
		Y		None	40 CFR		Fuel	Х	
					75.11, 40		measure-		
					CFR 75,		ments,		
					Appendix D,		calculations		
					part 2.3				
	BAAQMD	Y		Fuel sulfur content of 1	BAAQMD	P/M	Fuel testing	Х	
	condition			gr/100 scf	condition				
	#16676,				#16676, part				
	part 14				14				

			Future		Monitoring	Monitoring		Comp	oliance
Type of	Citation of	FE	Effective	<b>T</b> • •/	Requirement	Frequency	Monitoring	Yes	No
Limit		Y/N	Date	Limit	Citation	(P/C/N)	Туре		
	BAAQMD	Y		6.2 lb/hr, for turbine and	BAAQMD	P/A	Source test	Х	
	condition			HRSG combined	condition		at maximum		
	#16676,				#16676,		and		
	part 21g				part 39		minimum		
						<b>D</b> (1	load		
$SO_2$	BAAQMD	Y		0.00277 lb/MM BTU, for	BAAQMD	P/A	Source test	Х	
	condition			turbine and HRSG	condition		at maximum		
	#16676,			combined	#16676,		and		
	part 21g				part 39		minimum		
							load		
$SO_2$	BAAQMD	Y		282.6 lb/day for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined	#16676,				
	part 32e				part 36				
	BAAQMD	Y		47.11 ton/yr for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined (includes	#16676,				
	part 33e			emissions from	part 36				
				commissioning period)					
Opacity	BAAQMD	Y		> Ringelmann No. 1 for no		Ν		N/A	
	6-1-301			more than 3 minutes in any					
				hour					
Opacity	SIP	Y		> Ringelmann No. 1 for no		Ν		N/A	
	6-301			more than 3 minutes in any					
				hour					
Opacity	NSPS 40	Y		20% Opacity (6 min. avg.)	40 CFR 60.49	Ν		N/A	
	CFR 60.42			with one 6 min. avg. at less	Da (a) (3)				
	Da (b)			than 27% Opacity					
FP	BAAQMD	Ν		0.15 grain/dscf		Ν		N/A	
	6-1-310								
FP	SIP	Y		0.15 grain/dscf		Ν		N/A	
	6-310								
FP	BAAQMD	Ν		0.15 grain/dscf @ 6% O <sub>2</sub>		Ν		N/A	
	6-1-310.3								
	SIP	Y		0.15 grain/dscf @ 6% O <sub>2</sub>		Ν		N/A	
	6-310.3								
PM	NSPS 40	Y		0.03 lb/MMBtu of PM		Ν		N/A	
	CFR 60.42								
	Da (a) (1)								
PM	NSPS 40			< 20% opacity, 6 minute		Ν		N/A	
	CFR 60.42			average, except one six					
	Da (b)			minute period/hr up to 27%					
				opacity					

			Future		Monitoring	Monitoring		Comp	oliance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	168	INU
PM 10	BAAQMD	Y		9.0 lb/hr, for each turbine	BAAQMD	P/A	Source test	Х	
	condition			and HRSG combined	condition		at maximum		
	#16676,				#16676,		and		
	part 21h				part 39		minimum		
							load		
PM 10	BAAQMD	Y		0.0040 lb/MM BTU, for	BAAQMD	P/A	Source test	Х	
	condition			each turbine and HRSG	condition		at maximum		
	#16676,			combined	#16676,		and		
	part 21h				part 39		minimum		
							load		
	BAAQMD	Y		465 lb/day for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined	#16676,				
	part 32d				part 36				
PM 10	BAAQMD	Y		69.2 ton/yr for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined (includes	#16676,				
	part 33d			emissions from	part 36				
				commissioning period)					
POC	BAAQMD	Y		3.8 lb/hr (as CH4) for each	BAAQMD	P/A	Source test	Х	
	condition			turbine, and HRSG	condition		at maximum		
	#16676,			combined except during	#16676,		and		
	part 21f			turbine startup, shutdown,	part 39		minimum		
				steam turbine cold start-up,			load		
				or combustor tuning period					
POC	BAAQMD	Y		0.0017 lb/MM BTU (as	BAAQMD	P/A	Source test	Х	
	condition			CH4) for each turbine, and	condition		at maximum		
	#16676,			HRSG combined except	#16676,		and		
	part 21f			during turbine startup,	part 39		minimum		
				shutdown, steam turbine			load		
				cold start-up, or combustor					
				tuning period					
	BAAQMD	Y		48 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			start-up	condition		calculations		
	#16676,				#16676,				
	part 23(c)				part 36				
POC	BAAQMD	Y		8 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			shutdown	condition		calculations		
	#16676,				#16676,				
	part 23(c)				part 36				

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Var	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
	BAAQMD	Y		96 lb/turbine during	BAAQMD	P/D	Records,	Х	
	condition			steam turbine cold start-up	condition		calculations		
	#16676,			or combustor tuning period	#16676,				
	part 23(c)				part 36				
	BAAQMD	Y		271.3 lb/day (as CH4) for	BAAQMD	P/D	Records,	Х	
	condition			turbines, HRSGs, and	condition		calculations		
	#16676,			auxiliary boiler combined	#16676,				
	part 32c				part 36				
POC	BAAQMD	Y		33.9 ton/yr for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined (includes	#16676,				
	part 33c			emissions from	part 36				
				commissioning period)	_				
NH <sub>3</sub>	BAAQMD	N		10 ppmv, @ 15% O <sub>2</sub> , dry,	BAAQMD	С	Ammonia	Х	
	condition			averaged over 3 hrs for	condition		injection		
	#16676,			each turbine and HRSG	#16676,		rate monitor		
	Part 21e			combined except during	part 35c				
				turbine startup or shutdown	-				
NH <sub>3</sub>	BAAQMD	N		10 ppmv, @ 15% O <sub>2</sub> , dry,	BAAQMD	С	Ammonia	Х	
	condition			averaged over 3 hrs for	condition		injection		
	#16676,			each turbine and HRSG	#16676,		rate monitor		
	Part 21e			combined except during	part 21e				
				turbine startup or shutdown	-				
Formal-	BAAQMD	N		3817 lb/yr for turbine,	BAAQMD	P/D	Records,	Х	
dehyde	condition			HRSG, and auxiliary boiler	condition		calculations		
2	#16676,			combined	#16676,				
	part 34a				part 36				
	BAAQMD	N		3817 lb/yr for turbine,	BAAQMD	P/every two	Source test	Х	
	condition			HRSG, and auxiliary boiler	condition	years on P-1			
	#16676,			combined	#16676,	or P-2			
	part 34a				part 42				
Benzene	BAAQMD	N		460.9 lb/yr for turbines,	BAAQMD	P/D	Records,	Х	
	condition			HRSGs, and auxiliary	condition		calculations		
	#16676,			boiler combined	#16676,				
	part 34a				part 36				
	BAAQMD	N		460.9 lb/yr for turbines,	BAAQMD	P/every two	Source test	Х	
	condition			HRSGs, and auxiliary	condition	years on P-1		-	
	#16676,			boiler combined	#16676,	or P-2			
	part 34a				part 42				
Specified	BAAQMD	N		78.5 lb/yr for turbines,	BAAQMD	P/D	Records,	Х	
PAH's	condition			HRSGs, and auxiliary	condition	1,2	calculations		
0	#16676,			boiler combined	#16676,				
	Part 34c				part 36				

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	103	110
	BAAQMD	Ν		78.5 lb/yr for turbines,	BAAQMD	P/every two	Source test	Х	
	condition			HRSGs, and auxiliary	condition	years on P-1			
	#16676,			boiler combined	#16676,	or P-2			
	Part 34c				part 42				
Heat	BAAQMD	Y		2,225.1 MM BTU/hr, 3-hr	BAAQMD	С	Fuel meter,	Х	
input	condition			average for each Turbine	condition		firing		
limit	#16676,			and HRSG, total	#16676,		monitor,		
	part 15				part 35a		calculations		
Heat	BAAQMD	Y		50,738.24 MM	BAAQMD	С	fuel meter,	Х	
Input	condition			BTU/calendar day, for each	condition		firing		
Limit	#16676,			Turbine and HRSG, total	#16676,		monitor,		
	part 16				part 35a		calculations		
	BAAQMD	Y		34,010,400 MM BTU/yr for	BAAQMD	С	fuel meter,	Х	
	condition			S-1, S-3, Turbines and S-2,	condition		firing		
	#16676,			S-4, HRSGs combined	#16676,		monitor,		
	part 17				part 35a		calculations		
Heat	BAAQMD	Y		109,157 MM BTU/day, for	BAAQMD	С	Fuel meters	Х	
input	condition			turbines, HRSGs, and	condition				
limit	#16676,			auxiliary boiler combined	#16676,				
	part 30				Part 35a				
	BAAQMD	Y		34,490,400 MM BTU/yr for	BAAQMD	С	Fuel meters	Х	
	condition			turbines, HRSGs, and	condition				
	#16676,			auxiliary boiler combined	#16676,				
	part 31				part 35a				
Steam	BAAQMD	Y		30 hours per year per	BAAQMD	P/H	records	Х	
turbine	condition			turbine	condition				
cold start-	#16676,				#16676,				
up or	part 24				part 55				
combus-									
tor tuning									

# Table VII - B Applicable Limits and Compliance Monitoring Requirements S-5, AUXILIARY BOILER

			Future	5-5, AUXILIAR	Monitoring	Monitoring		Com	pliance
Type of Limit	Citation of Limit	FE Y/N	Effective Date	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
NOx	BAAQMD	N		125 ppm	BAAQMD	С	CEM	X	
	9-3-303				1-520.1				
	BAAQMD	Ν		30 ppmv @3%O2, dry	BAAQMD	С	CEM	Х	
	9-7-301.1				1-520.1				
	SIP	Y		30 ppmv @3%O <sub>2</sub> , dry	BAAQMD	С	CEM	Х	
	9-7-301.1				1-520.1				
$NO_x$	NSPS	Y		0.2 lb/MM BTU, 30-day	NSPS 40 CFR	С	CEM	Х	
	40 CFR			rolling average in NSPS,	60.48(b) and				
	60.44b			24 hour averaging period	Condition No.				
	(a)(4)			per BAAQMD	16676 Part				
				Regulation 10, part 4	35b.				
	BAAQMD	Y		3.5 lb/hr except during	BAAQMD	С	CEM	Х	
	condition			startup or shutdown	condition				
	#16676,				#16676,				
	part 28a				part 35b				
	BAAQMD	Y		9.0 ppmv @ 3% O <sub>2</sub> , 3-hr	BAAQMD	С	CEM	Х	
	condition			average	condition				
	#16676,				#16676,				
	part 28b				part 35b				
$NO_x$	BAAQMD	Y		1342 lb/day for turbines,	BAAQMD	С	CEM	Х	
	condition			HRSGs, and auxiliary	condition				
	#16676,			boiler combined	#16676,				
	part 32a				part 35b				
NO <sub>x</sub>	BAAQMD	Y		175.7 ton/yr for turbines,	BAAQMD	С	CEM	Х	
	condition			HRSGs, and auxiliary	condition				
	#16676,			boiler combined	#16676,				
	part 33a			(includes emissions from	part 35b				
				commissioning period)					
CO	BAAQMD	Ν		400 ppmv @ 3% O <sub>2</sub> , dry	BAAQMD	С	CEM	Х	
	9-7-301.4				condition				
					#16676, part				
96					35(b)				
СО	SIP	Y		400 ppmv @ 3% O <sub>2</sub> , dry	BAAQMD	С	CEM	Х	
	9-7-301.2				condition				
					#16676, part				
	DAAOM			11011/1	35(b)	C		V	
	BAAQMD			11.8 lb/hr except during	BAAQMD	С	CEM	Х	
	condition			startup or shutdown	condition				
	#16676,				#16676,				
	part 28c				part 35b				

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Com	pliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
	BAAQMD condition			50 ppmv @ 3% O <sub>2</sub> , 3-hr average	BAAQMD condition	С	CEM	Х	
	#16676, part 28d				#16676, part 35b				
	BAAQMD condition #16676, part 32b	Y		6445 lb/day for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 35b	С	СЕМ	Х	
СО	BAAQMD condition #16676, part 33b	Y		506.4 ton/yr for turbines, HRSGs, and auxiliary boiler combined (includes emissions from commissioning period)	BAAQMD condition #16676, part 35b	С	СЕМ	Х	
SO <sub>2</sub>	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		N/A	
$SO_2$	BAAQMD 9-1-302	Y		300 ppm (dry)		Ν		N/A	
SO <sub>2</sub>	BAAQMD condition #16676, part 25	Y		Fuel sulfur content of 1 gr/100 scf	BAAQMD condition #16676, part 25	P/M	Fuel testing	Х	
	BAAQMD condition #16676, part 28f	Y		0.5 lb/hr	BAAQMD condition #16676, part 40	P/A	Source test at maximum load	Х	
SO <sub>2</sub>	BAAQMD condition #16676, part 32e	Y		282.6 lb/day for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	
	BAAQMD condition #16676, part 33e	Y		47.11 ton/yr for turbines, HRSGs, and auxiliary boiler combined (includes emissions from commissioning period)	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	
Opacity	BAAQMD 6-1-301	N		> Ringelmann No. 1 for no more than 3 minutes in any hour		N		N/A	
Opacity	BAAQMD 6-301	Y		<ul> <li>&gt; Ringelmann No. 1 for no more than 3 minutes in any hour</li> </ul>		N		N/A	

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Com	pliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Opacity	BAAQMD 6-1-304	Y		During tube cleaning, Ringelmann No. 2 for 3 min/hr and 6 min/billion btu/24 hours		N		N/A	
Opacity	SIP 6-304	Y		During tube cleaning, Ringelmann No. 2 for 3 min/hr and 6 min/billion btu/24 hours		N		N/A	
FP	BAAQMD 6-1-310	N		0.15 grain/dscf		N		N/A	
FP	SIP 6-310	Y		0.15 grain/dscf		N		N/A	
FP	BAAQMD 6-1-310.3	N		0.15 grain/dscf @ 6% O <sub>2</sub>		N		N/A	
FP	SIP 6-310.3			0.15 grain/dscf @ 6% O <sub>2</sub>		N		N/A	
PM 10	BAAQMD condition #16676, part 28g	Y		1.6 lb/hr	BAAQMD condition #16676, part 40	P/A	Source test at maximum load	Х	
PM 10	BAAQMD condition #16676, part 32d	Y		465 lb/day for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	
	BAAQMD condition #16676, part 33d	Y		69.2 ton/yr for turbines, HRSGs, and auxiliary boiler combined (includes emissions from commissioning period)	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	
POC	BAAQMD condition #16676, part 28e	Y		1.7 lb/hr (as CH4)	BAAQMD condition #16676, part 40	P/A	Source test	Х	
POC	BAAQMD condition #16676, part 32c	Y		271.3 lb/day (as CH4) for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	
POC	BAAQMD condition #16676, part 33c	Y		33.9 ton/yr for turbines, HRSGs, and auxiliary boiler combined (includes emissions from commissioning period)	BAAQMD condition #16676, part 36	P/D	Records, calculations	Х	

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Com	pliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
NH3	BAAQMD condition #16676, Part 28h	N		10 ppmv, @ 3% O <sub>2</sub> , dry, averaged over 3 hrs	BAAQMD condition #16676, part 28h	С	Records of ammonia injection rate	Х	
Heat input limits	BAAQMD condition #16676, part 26	Y		320 MM BTU/hr, 3-hr average	BAAQMD condition #16676, part 35a	С	fuel meter, firing monitor, calculations	Х	
	BAAQMD condition #16676, part 27	Y		480,000 MM BTU/yr	BAAQMD condition #16676, part 35a	С	Fuel meters	Х	
Heat input limits	BAAQMD condition #16676, part 30			109,157 MM BTU/day for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 35a	С	Fuel meters	Х	
	BAAQMD condition #16676, part 31	Y		34,490,400 MM BTU/yr for turbines, HRSGs, and auxiliary boiler combined	BAAQMD condition #16676, part 35a	С	Fuel meters	Х	

## Table VII – C Applicable Limits and Compliance Monitoring Requirements S-6, FIRE PUMP DIESEL ENGINE

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Cor	npliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Opacity	BAAQMD	Ν		Ringelmann 2.0 for		Ν		N/A	
	Regulation			3 minutes in any					
	6-303.1			hour					
Opacity	SIP	Y		Ringelmann 2.0 for		Ν		N/A	
	Regulation			3 minutes in any					
	6-303.1			hour					
FP	SIP	Y		0.15 gr/dscf		Ν		N/A	
	Regulation								
	6-310								
FP	BAAQMD	Ν		0.15 gr/dscf		Ν		N/A	
	Regulation								
	6-1-310								

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO <sub>2</sub>	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: $\leq 0.5$ ppm for 3 minutes and $\leq 0.25$ ppm for 60 min. and $\leq 0.05$ ppm for 24 hours	None	N	N/A	N/A	
SO <sub>2</sub>	BAAQMD 9-1-304	Y		Fuel Sulfur Limit 0.5%	BAAQMD Condition # 19498, Parts 5 and 8	P/E	Vendor Certification	Х	
Reliability Related Hours	BAAQMD 9-8-330	N	1/1/12	100 hours until 1/1/12 50 hours after 1/1/12	9-8-502	P/E	Totalizing meter record keeping	Х	
Reliability Related Hours	BAAQMD Condition #22851, part 1	Ν		34 hours per calendar year	BAAQMD Condition #22851, part 3, 4	P/E	Totalizing meter record keeping	Х	

# Table VII – D Applicable Limits and Compliance Monitoring Requirements S-7, NATURAL GAS FIRED EMERGENCY GENERATOR

Type of	Citation of	FE	Future Effecti		Monitoring Requirement	Monitoring Frequency	Monitoring	Compliance	
Limit	Limit	Y/N	ve Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Opacity	BAAQMD 6-1-303.1	N		< Ringelmann 2.0, except for no more than 3 minutes in any hour		N		N/A	
Opacity	SIP 6-303.1	Y		< Ringelmann 2.0, except for no more than 3 minutes in any hour		N		N/A	
FP	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf		N		N/A	
FP	SIP Regulation 6-310	Y		0.15 gr/dscf		N		N/A	
SO <sub>2</sub>	BAAQMD Regulation 9-1-301	Y		Property Line Ground Level Limits: ≤ 0.5 ppm for 3 minutes and ≤ 0.25 ppm for 60 min. and ≤0.05 ppm for 24 hours		N		N/A	

Type of	Citation of	FE	Future Effecti		Monitoring Requirement	Monitoring Frequency	Monitoring	Compliance	
Limit	Limit	Y/N	ve Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Reliability	BAAQMD	Ν	1/1/12	100 hours until 1/1/12	9-8-502	P/E	Totalizing	Х	
Related	9-8-330			50 hours after 1/1/12			meter record		
Hours							keeping		
Reliability	BAAQMD	Ν		100 hours per calendar	BAAQMD	P/E	Record	Х	
Related	Condition			year	Condition		keeping		
Hours	#21597,				#21597, part 2				
	part 1				and 3				

# Table VII – EApplicable Limits and Compliance Monitoring RequirementsS-8, COOLING TOWER

Type of	Citation of	FE	Future Effecti		Monitoring Requirement	Monitoring Frequency	Monitoring	Cor	npliance
Limit	Limit	Y/N	ve Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Opacity	BAAQMD 6-1-301	N		> Ringelmann 1.0 for no more than 3 minutes in any hour		N		N/A	
Opacity	SIP 6-301	Y		> Ringelmann 1.0 for no more than 3 minutes in any hour		N		N/A	
FP	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf		Ν		N/A	
FP	SIP Regulation 6-310	Y		0.15 gr/dscf		Ν		N/A	