## Table VII – A Applicable Limits and Compliance Monitoring Requirements

S-3,S-4,S-5,TURBINES
Compliance Period May 1, 2012 to October 30, 2012

[	<del>1</del>		Future	1, 2012	<del>,</del>	Monitoring		<del>;</del>
Tours	C*****	***	1	•	Monitoring	I • •	Monitoring	Compliance
Type of	Citation of	FE	Effective		Requirement	Frequency		
Limit	Limit	Y/N	. Date	Limit	Citation	(P/C/N)	Туре	Continuous
NO <sub>z</sub>	BAAQMD	И		9 ppmv @ 15% O <sub>5</sub> dry	BAAQMD	С	CEMS	Continuous
	9-9-301.1.3	•			9-9-501			
	BAAQMID	N		0.43 lb/MW-hr or 9 ppmv	BAAQMD	С	CEMS	Continuous
	9-9-301.2				9-9-501			
NO <sub>x</sub>	SIP	Y		9 ppmv @ 15% O <sub>2</sub> , dry	BAAQMD	С	CEMS	•
ļ.	9-9-301.3			•	9-9-501 and			Continuous
•					BAAQMD .	-		COMCEMICOUD
	1				condition			
				,	#18102, part			
<u> </u>					24			
	SIP	Y	1	9 ppmv @ 15% O2 dry	BAAQMD	P	Source	
	9-9-301.3				condition		testevery	Continuous
					#18102,		8,000 hrs or	•
					part 25		every 3 yrs,	
		ĺ			1	;	which ever	
	,				,		comes first	,
NO <sub>x</sub>	NSPS, 40	Y		99 ppmv @ 15% O <sub>2</sub> , dry	NSPS, 40	. С	CEMS	
	CFR 60.332			4-hour rolling average	CFR 60.334			
	(a)(1)			(Arithmetic average of the	. (b)			Continuous
•				average NO <sub>x</sub> concentration				•
				measured by the CBMS for				
	•			a given hour and the three			Ì .	
		i		unit operating hour average			i  -	
				NO <sub>x</sub> concentrations	,			
				immediately preceding that				,
				unit operating hour)	10.000.00		GT1 40	Continuous
	None	Y		None	40 CFR 75.10	<u> </u>	CEMS	
]	BAAQMD	Y		5 ppmav @ 15% O <sub>2</sub> , dry,	BAAQMD	C.	CEMS	Continuous
	condition			1-hr average except during	condition			Concinuous
Ì	#18102,			turbine startup or shutdown	#18102, part			
	part 19.1	Y		5 ppmv @ 15% O <sub>2</sub> , dry,	19.1, 24 BAAQMD	P	Source	,
·	BAAQMD condition	x		1-ir average except during	condition	_	testevery	
•	#18102,			turbine startup or shutdown	#18102,		8,000 hrs or	· Continuous
	#16102, part 19.1			pervite sentup of segmentil	part 25		every 3 yrs,	
	har 12.1			•	part 25	ļ	which ever	,
							comes first	
	BAAQMD	Y		604.8 lb/calendar day (as	BAAQMD	С	CEMS	
	condition	-		NO <sub>2</sub> ) for S-3, S-4, and S-5	condition	] -		
	#18102,			combined	#18102,	Ī		Continuous
	part 22			***********	part 24	] .		
NO <sub>x</sub>	BAAQMD	Y		39.5 tons per calendar year	BAAQMD	С	CEMS	
,10X	condition	•		(as NO <sub>2</sub> ) for S-3, S-4, and	condition	<b>l</b>		Continuous
_	#18102,			S-5 combined	#18102,	1		
1.	#16102, part 22			n a annininan	part 24	İ	l .	
	Part 44				Part 44	<u> </u>		L

Revision Date: May 3, 2012

61

#### Table VII – A **Applicable Limits and Compliance Monitoring Requirements** S-3, S-4, S-5, TURBINES

	Complia	nce	Perio	od May 1, 2012	to Octo	ber 30,	2012	
	-		Future	·	Monitoring	Monitoring	•	
Type of	Citation of	FE	Effective	,	Requirement	Frequency '	Monitoring	Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	
CO	BAAQMD	Y		6 ppmv @ 15% O <sub>2</sub> , dry,	BAAQMD	C	CEMS	
	condition	l		3-hr average except during	condition	, ,		
,	#18102,			turbine startup or shutdown	#18102,			Continuous
	part 19.3			•	parts 19.3 and			
				·	24			
	BAAQMD	Y		6 ppmv @ 15% O <sub>2</sub> , dry,	BAAQMD	₽.	Source	
	condition			3-hr average except during	condition		testevery	Continuous
•	#18102,			turbine startup or shutdown	#18102,		8,000 hirs or	
	part 19.3	\			part 25		every 3 yrs,	
							which ever	•
							comes first	
	BAAQMD	Y		446.1 lb/calendar day for	BAAQMID	С	CEMS	
	condition			S-3, S-4, and S-5 combined	condition			Continuous
	#18102,				#18102,			
····	part 22				part 24			
co	BAAQMD	Y		36.0 tons per calendar year	BAAQMID	С	CEMS	<b>G</b>
	condition	1		for S-3, S-4, and S-5	condition			Continuous
	#18102,		Ė	combined	#18102,			• "
	part 22	<u> </u>			part 24		· · · · · · · · · · · · · · · · · · ·	
· CO <sub>2</sub>	1	Y		None	40 CFR 75.10	С	CEMS	
		ŀ					(CO <sub>2</sub> )	Continuous
							or CEMS	
			•		i		(O <sub>2</sub> ) or fuel	
							flow	
SO <sub>2</sub>	BAAQMD	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min		31	monitor	
3U2	9-1-301	*		or 0.25 ppm for 60 min or		N		Continuous
	3-1-301			0.05 ppm for 24 hours		•		<b>l</b> .
<del></del>	BAAQMD	Y		300 ppm (dry)	BAAQMD	P/A	Total sulfur	
	9-1-302	'		Soo bhur (m3)	condition	r/A	and	
	7-1-30Z				# 181 02,		hydrogen	Continuous
					part 24		sulfide	
					Pult		analysis	
	11	L	i	l	<u> </u>	i	T mm7312	L

# Table VII -- A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES

h	Compila	1100	Perro	od May 1, 2012	10 0010	Der 30,	2012	
	·		. Future		Mositoring	Monitoring		
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	G1
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Тура	Compliance
SO <sub>2</sub>	NSPS	Y		SO <sub>2</sub> in gases exiting turbine	NSPS, 40	N		
	40 CFR		ļ	≤ 0.015% (vol.)	CFR 60.334			·
	60.333(a)			@15% O <sub>2</sub> (dry)	(h)(l)			Continuous
,	or			or	(-)(-)			· · · · · · · · · · · · · · · · · · ·
	60.333(b)			Total sulfur in fuel				
				combusted in turbines				
				≤ 0.8% by wt. (8000 ppmw)	,	•		
SO <sub>2</sub>	None	Y		None	40 CFR		Puel ·	
	110.00	•		11045	75.11, 40		measure-	Continuous
٠.				·	CFR 75,		ments,	
				,	Appendix D,		calculations	
					part 2.3		-	
SO <sub>2</sub>	BAAQMD	Y	<u> </u>	0.33 lb/clock hr for S-3,	. BAAQMD	P/A	Total sulfur	
302	condition	1		S-4, and S-5 combined	condition	F/A	. and	
				5-4, and 5-5 combined	#18102,	:	ŀ	Continuous
	#18102,				· ·	ļ	hydrogen	
	part 19.6		1		part 24	1	sulfide anatysis	
	BAAQMD	Y		0.33 lb/clock hr for S-3,	BAAQMD	P	Source	
·	condition	'		S-4, and S-5 combined	condition	, r	testevery	•
	#18102,		ŀ	. S-4, and S-5 combined	#18102,		8,000 hrs or	•
	part 19.6				part 25		every 3 yrs,	Continuous
	part 19.0	ļ			- par 23		which ever	
		Ì					comes first	
SO <sub>2</sub>	BAAQMD	Y		23.8 lb/calendar day for S-	BAAQMD	P/A	Total sulfur	
. 3U2	condition	1		3, S-4, and S-5 combined	condition	r/A	and	
	#18102,		1	J, 3-7, and 3-3 complied	#18102,		hydrogen	ļ ·
1					#16102, part 24		nyurogen sulfide	Continuous
	part 22	1			part 24		h .	
-	BAAOLO	1		1.9 tons/calendar year for	BAAQMD	D/A	analysis Total culfor	
	BAAQMD	Y		S-3, S-4, and S-5 combined	condition	P/A	Total sulfur	
	condition			3-3, 3-4, KIR 3-3 COMBINED	#18102,		and budgeren	
	#18102,				ii		hydrogen	Continuous
	part 22				part 24		sulfide	
	<u> </u>	<u></u>	1	<u> </u>	<u> </u>	<u> </u>	analysis	<u> </u>

#### Table VII -- A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES

<del></del>	Compli	ance	e Peri	od May 1, 2012	to Oct	ober 30	, 2012	
	٠,	Ì '	Future	,	Monitoring	Monitoring		
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Compliance
Limit	Limit	Y/N	Date	Limit -	Citation	(P/C/N)	Туре	Compitance
	BAAQMD	Y		Total sulfur content in	BAAQMD	P/Q	Analysis of	
	condition			natural gas combusted in	condition		total sulfur	Continuous
•	#18102,			turbines	#18102,		content in	
·	part 23.b			≤ 1.0 gr/100 <del>0.25 gr/100</del> scf	part 24.e		fuel	
Opacity	BAAQMD	N		> Ringelmann No. 1 for no	٠.	N ·		Continuous
	6-1-301	}		more than 3 minutes in any		,	!	Concingóns
		·		hour				
Opacity	SIP 6-301	Y		> Ringelmann No. 1 for no	:	. N	•	
				more than 3 minutes in any			;	Continuous
				hour				
Opacity	BAAQMD	Y		> Ringelmann No. I for no		N		
ļ.	condition			more than 3 minutes in any				Continuous
	#18102,			hour or equivalent 20%				Concinadas
	part 18			opacity				
FP	BAAQMD	N		0.15 grain/dscf	,	N		Continuous
	6-1-310						<u>-</u>	
FP	SIP 6-310	Y		0.15 grain/dscf		N		Continuous
PM <sub>10</sub>	BAAQMD	Y		2.5 lb/clock hr for each	BAAQMD	P	Source	
	condition			turbine, except during	condition		testevery	Continuous
	#18102,			turbine startup or shutdown	#18102,		8,000 hrs or	Concindods
	part 19.5				part 25	•	every 3 yrs,	
							which ever	
						·	comes first	
PM <sub>10</sub>	BAAQMD	Y	1	180 lb/calendar day for S-3,	BAAQMD	, <b>P</b>	Source	,
	condition			S-4 & S-5 combined	condition		Testevery	
	#18102,				#181 02,		8,000 hrs or	Continuous
	part 22				part 25		every 3 yrs,	
			•				which ever	
							comes first,	
,		·					and fuol	
			L	<u> </u>	ļ	<u> </u>	monitoring	

# Table VII - A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES

	COMPII	ance		od May 1, 2012			, 2012	
	, ,		Future		Monitoring	Monitoring		
Type of	Citation of	FE	Effective	. '	Requirement	Frequency	Monitoring :	Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Турь	Compilance
PM <sub>10</sub>	BAAQMD	Y		14.7 tons/year for S-3, S-4	BAAQMD	: P	Source	. •
	condition			& S-5 combined	condition		Testevery	
	#18102,				#18102,	•	8,000 hrs or	Continuous
	part 22				part 25		every 3 yrs,	
						'	which ever	
i				,			comes first,	,
							and fuel	
	:						monitoring	
POC	BAAQMD	Y		2 ppmv @ 15% O2, dry,	BAAQMD	P	Source test	
	condition		ĺ	3-hr average except during	condition		every 8,000	
	#18102,			turbine startup or shutdown	#18102,		hrs or every	Continuous
	part 19.4				part 19.4		3 yrs, which	
			•		;		ever comes	
							first	
POC	BAAQMD	Y		2 ppmv @ 15% O₂, dry,	BAAQMD	·P	Source test	
	condition		,	3-hr average except during	condition		every 8,000	
	#18102,			turbine startup or shutdown	#18102,	·	hrs or every	Continuous
	part 19.4		ĺ		part 25		3 yrs, which	
,						٠.	ever comes	
					<u> </u>		first	<u> </u>
	BAAQMD	Y		84 lb/calendar day for S-3,	BAAQMD	P	Source test	
	condition			S-4, and S-5 combined	condition		every 8,000	
	#18102,				#18102,		hrs or every	
	part 22				part 25		3 yrs, which	Continuous
			İ				ever comes	•
	,						first, and	
		l	]				fuel	
		<u> </u>	<u> </u>		<u> </u>		monitoring	

#### Table VII - A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES Compliance Period May 1, 2012 to October 30, 2012

	COMPIT	ance	e berr	od May 1, 2012		oper o	, 2012	•
			Future		Monitoring	Monitoring		
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	·Compliance
Limit	Limit	Y/N	Date .	Limit	Citation	(P/C/N)	Type	Compitance
POC	BAAQMD	Y		6.9 ton/calendar year for	BAAQMID	P	Source test	
	condition			S-3, S-4, and S-5 combined	condition	] :	every 8,000	•
	#18102,			•	#18102,	ļ	hts or every	Continuous
	part 22				part 25		3 yrs, which	
							ever comes	
						<u>.</u>	first, and	
							fuel	
		L					monitoring	
NH3	BAAQMD	N		10 ppmv @ 15% O <sub>2</sub> , dry,	BAAQMD	· c	Ammonia	
	condition			averaged over 3 hrs except	condition		injection	
	#18102,			during turbine startup or	#18102,		rate monitor,	Intermitter
	Part 19.2		-	shutdown	parts 19.2 and		calculations,	111001111110001
		١.			24, 25		and periodic	
					•		source	
		1				1	testing every	
							8,000 hrs or	
				•			every 3 yrs,	
						٠,	which ever	
				·			comes first	
	BAAQMD	N		10 ppmv @ 15% O <sub>2</sub> , dry,	BAAQMD	P	Source	
	condition		·	averaged over 3 hrs except	condition		testevery	
	#18102,			during turbine startup or	#18102,	<u>.</u>	8,000 hrs or	Intermitter
,	Pert 19.2			shutdown	part 25		every 3 yrs.	
							which ever	
		<u> </u>					comes first	
Heat	BAAQMD	Y		500 MM BTU/clock hr	BAAQMD	С	Fuel meter,	
input	condition			(HHV) for each turbine,	condition		firing	Continuous
limit	#18102,			S-3, S-4, and S-5	#18102,	· ·	monitor	
, _	part 23	ļ			part 24d			
	BAAQMD	Y		500 MM BTU/clock hr	BAAQMD	P/Q	Fuel	
	condition			(HHV), for each turbine,	condition		composition	Continuous
	#18102,	l		S-3, S-4, and S-5	#18102,	l	analysis	Concentiaous
	part 23	L			part 24d			

Revision Date: May 3, 2012

#### Table VII - A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES Compliance Period May 1, 2012 to October 30,

2012

	COMPIL	arre.	CFCLI	od May 1, 2012		ober 30	, 2012	<u>·</u>
		٠.	Future		Monitoring	Monitoring		•
Type of	Citation of	FE	Effective	,	Requirement	Frequency	Monitoring	G1:
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Compliance
Heat	BAAQMD	Y		500 MM BTU/clock hr	BAAQMD	P	Source	-
input	condition			(HHV), for each turbine,	condition		testevery	
limit	#18102,		:	S-3, S-4, and S-5	#18102,		8,000 hrs or	Continuous
	part 23			,	part 25		every 3 yrs,	
į					,		which ever	
							comes first	
Heat	BAAQMD	Y		12,000 MM BTU/day	BAAQMD	С	fuel meter,	
input	condition			(HHV) for each turbine,	condition		firing	Continuous
limit	#18102,:			S-3, S-4, and S-5	#18102,		monitor,	1
	part 23			-	part 30.a		calculations	
	BAAQMD	Y		12,000 MM BTU/day	BAAQMD	P/Q	Fuel	<u> </u>
j	condition			(HHV) for each turbine,	condition		composition	<b>a</b>
	#18102,			S-3, S-4, and S-5	#18102,	,	analysis	Continuous
	part 23				part 24d			
Heat	BAAQMD	У		5,494,300 MM BTU/yr, for	BAAQMD	С	fuel meter,	
input	condition			S-3, S-4, and S-5, Turbines	condition		firing	Continuous
limit	#18102,	]	<u> </u>	combined	#18102,		monitor,	
,	part 23		]		part 30.a	İ	calculations	
Heat	BAAQMD	Y		5,494,300 MM BTU/yr, for	BAAQMD	P/Q	Fuel	
input	condition		·	S-3, S-4, and S-5, Turbines	condition	,	composition	Continuous
limit	#18102,			combined	#18102,		analysis	
	part 23				part 24d	1		
MW				None	BAAQMD	P	Source	
	ŀ		ĺ		condition		testevery	Continuous
	ŀ		ļ.		#18102,		8,000 hrs or	
	i		1		part 25		every 3 yrs,	
	,				· ·		which ever	
		ľ					comes first	
Gas		T		None	BAAQMD	P	Source	
tempe-					condition	,	testevery	Continuous
rature		[	1		#18102,		8,000 hrs or	
			1		part 25		every 3 yrs,	
		l			•		which ever	
							comes first	L

## Table VII – A Applicable Limits and Compliance Monitoring Requirements S-3, S-4, S-5, TURBINES

S-3,S-4,S-5,TURBINES
Compliance Period May 1, 2012 to October 30, 2012

Type of Limit	Citation of Limit	PE. Y/N	Future Effective Date	Limit	Mositoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Stack gas flow			·	None	BAAQMD condition #18102, part 25	P	Source testevery 8,000 hrs or every 3 yrs, which ever comes first	Continuous
NH3 injection rate				None	BAAQMD condition #18102, part 25	P/A	Source test every 8,000 hrs or every 3 yrs, which ever comes first	Continuous

#### Table VII-B S-100 – GAS TURBINE

<u> </u>				Od May 1, 2012			, 2012	
	Citation of		Future		Monitoring	Monitoring		
Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	Compliance
limit		Y/N	Date	Limit	Citation	(P/C/N)	Туре	
NOx	BAAQMD	N		< 15 ppmv* @ 15% O <sub>2</sub> ,	9-9-501	С	CEMS	
	9-9-301.1.2			dry. 3-hr average			•	Continuous
•	and 9-9-401			*corrected for efficiency	<u> </u>			
NOx	BAAQMD	N		< 5 ppmy @ 15% O2. dry.	9-9-501	С	CEMS	Continuous
<b>`</b>	9-9-301.2			3-hr average or ≤ 0.15				
				lbs/MWhr				
NO <sub>x</sub>	SIP 9-9-305	Y		≤21.0 ppmv* @ 15% O <sub>2,</sub>	BAAQMD	С	CEMS	G
	and			dry, 3-hr average	9-9-501	,		Continuous
	9-9-401			*corrected for efficiency				
	BAAQMD	Y			BAAQMD	C.	CEMS	
	Permit	ļ		≤ 25 ppmv @ 15% O <sub>2</sub> 3-	Permit			Continuous
	Cond# 2780			hr avg	Condition	· ·		
	part la(i)		1 .	, -	2780, part 11		_	
	BAAQMD	Y			BAAQMD	С	CEMS	
Ì	Permit			< 5 ppmv @ 15% O2 or	Permit			Continuous
Ì	Cond#			0.15 lb/MW-hr, 3-hr avg.	Condition			
	2780, part			1	2780, part 11			
}	la(ii)							·
	BAAQMD	Y			BAAQMD	С	CEMS	
	Permit			≤21.0 ppmv @ 15% O <sub>2</sub>	9-9-501			
	Cond#			dry, calendar day average				Continuous
	2780, part							
	1e	1		, ,				
NO,	BAAQMD	Y		< 323.7 tons per any	BAAQMD	С	CEMS	
1,0	Permit	-		twelve consecutive	9-9-501			Continuous
	Cond#			months				Concinadas
1	2780, part	İ	1					
	lf				i			
	BAAQMD	Y		< 1876 lb per calendar	BAAQMD	С	CEMS	
	Permit	_		day	9-9-501			Continuous
	Cond#							•
	2780, part					1		
	lg_	1			j			
	∥ ¹8			<u></u>	<u> </u>		.i	

## Table VII-B

S-100 - GAS TURBINE
Compliance Period May 1, 2012 to October 30, 2012

Type of limit	Citation of Limit	PE Y/N	Future Effective Date	Limit	Monitoring Requirement Chation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
	BAAQMD permit condition # 21961, part IX-C.	<b>Y</b>	,	≤25 ppmv @ 13% O <sub>2</sub> , dry 3-hr average	BAAQMD 9-9-501	С	CEMS	Continuous
NO <sub>x</sub>	BAAQMD permit condition # 21961, part IX-C.	Y		Natural Gas or Fuel Oil ≤25 ppmv @ 15% O₂ dry 3-hr average	BAAQMD permit condition # 21961, part IX-E.	С	CEMS	Continuous
NO <sub>x</sub>	NSPS, 40 CFR 60.332 (a)(1)	Y		82 ppmv @ 15% O <sub>2</sub> dry 4-hour rolling average (Arithmetic average of the average NO <sub>x</sub> concentration measured by the CEMS for a given hour and the three unit	NSPS, 40 CFR 60.334 (b) Note: 60.334(c) elso applies after the	С	CEMS	Continuous
				operating hour average NO <sub>x</sub> concentrations immediately preceding that unit operating hour)	installation of Dry Low NOx Combusiors on January 1, 2012		·	
POC	None BAAQMD Permit Condition 2780, part 6	Y		None < 40 TPY NMHC for S-100, S-101, S-102	40 CFR 75.10	C N	CEMS	Continuous
SO₂	None	Y		None	40 CFR 75.11, 40 CFR 75, Appendix D, part 2.3		Fuel measure- ments, calculations	Continuous

#### Table VII-B S-100 – GAS TURBINE

SO2   BAAQMD   Y   300 ppm (dry)   N   Continuous		Citation of	• .	Future		Monitoring	Monitoring		
SO <sub>2</sub> BAAQMD Y GLC'of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours  SO <sub>2</sub> BAAQMD Y 300 ppm (dry) N Continuous  SO <sub>2</sub> NSPS 40 Y SO <sub>2</sub> in gases exiting urbine ≤ 0.015% (vol.) (a) 5% (o <sub>2</sub> (dry) or Total suffur in firel combusted in turbines ≤ 0.8% by wt. (8000 ppmw)  Deacity 6-1-301 N PRINGED N CONTINUOUS  BAAQMD N PRINGED N N PRINGED N N CONTINUOUS  BAAQMD N PRINGED N N CONTINUOUS  Deacity 6-301 N CONTINUOUS  BAAQMD N PRINGED N N CONTINUOUS  BAAQMD N CONTINUOUS  PP BAAQMD N O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP SIP 6-310.3 Y O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP SIP 6-310.3 Y O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP SIP 6-310.3 Y O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP SIP 6-310.3 Y O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP BAAQMD Y CONTINUOUS  FP SIP 6-310.3 Y O.15 grain/dscf @6% O <sub>2</sub> N CONTINUOUS  FP CONTINUOUS  FP CONTINUOUS  CONTINUOU	Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	
9-1-301	limit		Y/N	Date	Limit	Citation	(P/C/N)	Туре	Compliance
SO2   BAAQMD   Y   300 ppm (dry)   N   Continuous	SO₂	BAAQMD	Y		GLC <sup>1</sup> of 0.5 ppm for 3		N .		
SO2   BAAQMD   Y   300 ppm (dry)   N   Continuous		9-1-301			min or 0.25 ppm for 60		·		Continuous
SO_2   BAAQMD   Y   300 ppm (dry)   N   Continuous		:			min or 0.05 ppm for 24				
9-1-302									
SO <sub>2</sub>   NSPS 40   Y   CFR 60.334   CFR 60.334   CFR 60.333 (a)   Or   Gel5% C <sub>2</sub> (dry)   Or   Total sulfur in fuel   combusted in turbines   ≤ 0.8% by wt. (8000   ppmw)   Ppmw)   Ppmw   Pp	SO <sub>2</sub>	: - I	Y		300 ppm (dry)		N		Continuous
CFR   G0.333 (a)   G15% O₂ (in gases exiting turbine ≤ 0.015% (vol.)   G15% O₂ (dry)   Gr   G0.333(b)   Gr   Total sulfur in fuel combusted in turbines ≤ 0.8% by wt. (8000 ppmw)   PaAQMD   N   PRingelmann No. 1 for no more than 3 minutes in any hour   N   Continuous   Contin						_		_	· · · · · · · · · · · · · · · · · · ·
60.333 (a)   or 60.333(b)   continuous	SO <sub>2</sub>	: I	Y				N		·
or 60.333(b)         @15% O₂ (dry) or Total sulfur in fire! combusted in turbines ≤ 0.8% by wt. (8000 ppmw)         Continuous           Opacity         BAAQMD N Singelmann No. 1 for no more than 3 minutes in any hour         N Continuous           Opacity         BAAQMD Y Singelmann No. 1 for no more than 3 minutes in any hour         N Continuous           FP BAAQMD N 6-1-310.3         N O.15 grain/dscf @6% O₂ N Continuous         N Continuous           FP SIP 6-310.3         Y O.15 grain/dscf @6% O₂ N Continuous         N Continuous           FP BAAQMD Y Continuous         Y Continuous         Continuous           FP BAAQMD Y Continuous         Y Continuous         Continuous           FP BAAQMD Y Continuous         Y Continuous         Continuous           Condition 2780, part 6         Y None 40 CFR 75.10         C CEMS (CO₂) or CEMS         Continuous		1 1	,			1			
60.333(b)						(n)(1)			
Total sulfur in fuel combusted in turbines   ≤ 0.8% by wt. (8000 ppmw)   N   > Ringelmann No. 1 for no more than 3 minutes in any hour   N   Continuous							•		Continuous
BAAQMD   N   N   N   N   N   N   N   N   N		00.333(0)		1	j		ŀ		
SAAQMD   N   SRingelmann No. 1 for no more than 3 minutes in any hour   N   Continuous					1			·	
Descrity   BAAQMD   N	Ì								
Descrity   SAAQMD   N				j					
Opacity   6-1-301		BAAQMD	N				N		
BAAQMD   Y	Opacity	1			1 -	·			Continuous
Opacity         6-301         no more than 3 minutes in any hour         Continuous           FP         BAAQMD					any hour				
PP		BAAQMD	Y		'> Ringelmann No. 1 for	;	N		Continuous
FP         BAAQMD 6-1-310.3         N         0.15 grain/dscf @6% O2 N         N         Continuous           FP         SIP 6-310.3         Y         0.15 grain/dscf @6% O2 N         N         Continuous           FP         BAAQMD Y         < 25 TPY total FP for S-100, S-101, S-102         N         Continuous           Condition 2780, part 6         Y         None         40 CFR 75.10         C         CEMS (CO2) or CEMS         Continuous	Opacity	6-301		<u>{</u>	no more than 3 minutes in				Concinuous
6-1-310.3  FP SIP 6-310.3 Y 0.15 grain/dscf @6% O2 N Continuous  FP BAAQMD Y <25 TPY total FP for S-100, S-101, S-102  Condition 2780, part 6  CO2 Y None 40 CFR 75.10 C CEMS (CO2) or CEMS COntinuous					any hour	·			
FP         SIP 6-310.3         Y         0.15 grain/dscf @6% O2         N         Continuous           FP         BAAQMD         Y         < 25 TPY total FP for S-100, S-101, S-102         N         Continuous           Condition 2780, part 6         Y         None         40 CFR 75.10         C         CEMS (CO2) or CEMS	FP	il -	N		0.15 grain/dscf @6% O <sub>2</sub>	:	N		Continuous
FP BAAQMD Y S-100, S-101, S-102 Condition 2780, part 6  CO2 Y None 40 CFR 75.10 C CEMS (CO2) or CEMS COntinuous						<del></del>		1	
Permit Condition 2780, part 6	FP		_	ļ <u>-</u>	T	ļ			Continuous
Condition   2780, part 6	FP	·-	Y	}		i '	N		
2780, part 6		l .			S-100, S-101, S-102				Continuous
CO₂         Y         None         40 CFR 75.10         C         CEMS (CO₂)           or CEMS         Continuous									
or CEMS Continuous		278U, part 6	<del>                                     </del>		Non-	40 OED 35 10	<del> </del> _	OPMS (CC.)	<u> </u>
	\ \tag{CL_2}		l <sup>x</sup>		None	g 40 CPK /5.10	'		Continuous
						i	]	(O <sub>2</sub> ) or fuel	Continuous
flow monitor	ļ					1		,	

## Table VII-B

S-100 - GAS TURBINE
Compliance Period May 1, 2012 to October 30, 2012

Type of	Citation of Limit	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	
· limit		Y/N	Date	Limit	Citation	(P/C/N)	Туре	Compliance
Carbon Monoxide	BAAQMD Permit Condition	Y		emissions < 100 tons/yr (for S-100, S-101, and S-	BAAQMD Permit Condition	C ·	CEMS	Continuous
	2780, part			102)	2780, part 11			
Carbon Monoxide	BAAQMD Permit Condition 2780, part 3c	<b>Y</b>	·	10 ppmvd @ 15% O₂, 3- hr average, except during startup, shutdown, operation at < 80% load, and operation at low ambient temperature	BAAQMD Permit Condition 2780, part 11	С	CEMS	Continuous
Carbon Monoxide	BAAQMD Permit Condition 2780, part 3d	Y		< 14670 lbs. CO during startups and shutdowns per any consecutive 12- month period	BAAQMD Permit Condition 2780, part 11	c	CEMS	Continuous
	BAAQMD Permit Condition 2780, part 3e	Y	·	< 750 hours of operation at < 80% load per any consecutive 12-month period	BAAQMD Permit Condition 2780, part 11	С	CEMS	Continuous
Carbon Monoxide	BAAQMD Permit Condition 2780, part 3e	Y		< 14.8 tons CO during operation at < 80% load per any consecutive 12-month period	BAAQMD Permit Condition 2780, part 11	С	CEMS	Continuous
Carbon Monoxide	BAAQMD Permit Condition 2780, part 3f	Y		< 100 hours of operation at ambient temperatures < 35° F. per any consecutive 12-month period	BAAQMD Permit Condition 2780, part 11	. с	CEMS	Continuous
Carbon Monoxide	BAAQMD Permit Condition 2780, part 3f	Y		15 ppmvd @ 15% O <sub>2</sub> , 1- hr average, during operation at low ambient temperature	BAAQMD Permit Condition 2780, part 11	С	CEMS	Continuous

Revision Date: May 3, 2012

## Table VII-C

S-101, S-102 - Boilers
Compliance Period May 1, 2012 to October 30, 2012

Type of	Citation of Limit	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	
ilmit	23.0011	Y/N	Date	Limit	Citation	(P/C/N)	Type	Compliance
NO <sub>x</sub>	BAAQMD	N	Date	30 ppmv @3%O <sub>2</sub> , dry, 3-hr	BAAQMD	C	CEMS	
NO <sub>x</sub>	9-7-301.1.	.,		average	Permit	·	CEMS	Continuous
•	77,501.11			a verage	Condition			Concinuous
			:		2780, part 11			
	SIP 9-7-	Y		30 ppmv @3%O <sub>2</sub> , dry, 3-hr	BAAQMD	С	CEMS	<del>                                     </del>
	301.1			average	Permit			
				<b>-</b>	Condition			Continuous
					2780, part 11,			
					BAAQMD 1-			
·					520.1			
	BAAQMD	N	1/1/2014	5 ppmv @3%O <sub>2</sub> , dry, 3-hr	BAAQMD	С	CEMS	
	9-7-307.6		1 <sup>st</sup> Unit,	average	Permit			
			1/1/2015		Condition			Continuous
			2 <sup>nd</sup> Unit	•	2780, part 11,			
					BAAQMD 1-			•
			·		520.1			
NO <sub>x</sub>	BAAQMD	Y		40 ppmv @ 3%O <sub>2</sub> , dry,, 3-	BAAQMD	·c	CEMS	
	Permit			hr average	Permit		<u> </u>	Continuous
	Condition				Condition		]	
	2780, part			,	2780, part 11			
	4					<u></u>		·
	BAAQMD	Y		$\leq$ 40 ppmv @ 3% O <sub>2</sub> dry,	BAAQMD	C	CEMS	
	permit			3-hr average	penmit		,	Continuous
	condition				condition #			ļ
	#21961,				21961, part	<u> </u>		
	pert IX-C				IX-D.	ļ		
NO <sub>x</sub>	NSPS	Y	!	0.2 lb/MM Btu, averaged		N		Continuous
	60.44b(a)			over 24 hrs				Concinuous
CO .	BAAQMD	N		400 ppmv @ 3% O <sub>2</sub> , dry,		N		Continuous
	9-7-301.4			3-hr average			ļ <u>.</u>	
co	SIP 9-7-	Y		400 ppmv @ 3% O <sub>2</sub> , dry,		N		Continuous
	301,2		<u> </u>	3-hr average	<u> </u>		<u></u>	

Revision Date: May 3, 2012

### Table VII-C

S-101, S-102 - Boilers
Compliance Period May 1, 2012 to October 30, 2012

	Citation of		Future		Monitoring	Monitoring		
Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	
limit		Y/N	Date	Limit	Citation	(P/C/N)	Туре	Compliance
	BAAQMD Permit Condition	Y		< 100 tons per year, for S- 100, S-101, and S-102	BAAQMD Permit Condition	: <b>C</b>	CEMS	Continuous
	2780, part				2780, part 11			
SO <sub>2</sub>	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		Continuous
	BAAQMD 9-1-302	Y		300 ppm (dry)		N		Continuous
Opacity	6-1-301	7		> Ringelmann No. 1 for no more than 3 minutes in any hour		N		Continuous
Opacity	SIP 6-301	Y		> Ringelmann No. 1 for no more than 3 minutes in any hour		Ŋ.	·	Continuous
FP	BAAQMD 6-1-310.3	N		0.15 grain/dscf @ 6% O <sub>2</sub>		N		Continuous
FP	SIP 6- 310.3	Y		0.15 grain/dscf @ 6% O <sub>2</sub>		N		Continuous
FP	BAAQMD Permit Condition 2780, part 6	Y		< 25 TPY FP for \$-100, \$-101, \$-102	-	N		Continuous
POC	BAAQMD Permit Condition 2780, part 6	Y		< 40 TPY NMHC for S- 100, S-101, S-102		N		Continuous
Hours of operation	BAAQMD Permit Condition 2780, part 18	Y		Simultaneous use with the gas turbine < combined total of 28 boiler hours/day or 3950 boiler hours/year	none	P/E	Record- keeping	Continuous

<sup>1</sup> Ground Level Concentration

## Table VII-D

S-104 - COOLING TOWER
Compliance Period May 1, 2012 to October 30, 2012

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limít	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Opacity	BAAQMD 6-1-301	<b>N</b> :		> Ringelmann No. 1 for no more than 3 minutes in any hour		N		Continuous
Opacity	SIP 6-301	Y		> Ringelmann No. I for no more than 3 minutes in any hour		N		Continuous
FP	BAAQMD 6-1-310	N		0.15 grain/dscf		N		Continuous
FP	SIP 6-310	Y		0.15 grain/dscf		N ·		Continuous
	BAAQMD 6-1-311	Y		40 lbs/hr		N		Continuous
,	SIP 6-311	Y		40 lbs/hr		N		Continuous