

APPENDIX 5.1E

Evaluation of Best Available Control Technology

GWF Tracy - Evaluation of Best Available Control Technology

Introduction

GWF Energy LLC proposes to modify the existing Tracy Peaker Plant from a nominal 169-megawatt (MW) simple-cycle power plant to a combined cycle power plant. This section evaluates the criteria pollutant Best Available Control Technology (BACT) requirements for:

- Modification of the two existing gas turbines from simple cycle configuration to combined cycle with duct burners and HRSG
- Addition of a new 85 MMBtu/hr capacity natural gas-fired auxiliary boiler
- Addition of a new nominal 288 horsepower (hp) diesel-fired emergency firewater pump

Post modification facility-wide CO emissions will be less than 100 tons per year. As a result, CO emissions from these sources are not subject to BACT requirements according to SJVAPCD Rule 2201, Section 4.2. Although CO emissions are not subject to BACT requirement, BACT determinations for CO have been summarized to demonstrate that CO emissions from each emission unit are as low as otherwise required under BACT.

Discussion of Turbine BACT

Proposed Control Equipments and Emissions

Proposed control technologies and emission limits for turbine operations are presented in Table 1-1. A detailed review of BACT determinations for NO_x, VOC, and CO are presented in the following sections:

TABLE 1-1
Proposed Emission Limits for Turbine Operation

Pollutant	Control Technologies	Emissions
NO _x	Dry low NO _x combustor, Selective catalytic Reduction (SCR)	2 ppm at 15% O ₂ , 3-hour average
CO	Oxidation catalyst	2 ppm at 15% O ₂ , 3-hour average
VOC	Oxidation catalyst (CO catalyst), using natural gas fuel	2 ppm at 15% O ₂ , 3-hour average
SO _x	Natural Gas fuel	NA
PM	Natural Gas Fuel, modern combustors, air inlet filter cooler, lube oil vent coalescer	NA
NH ₃	NA	5 ppm

The Project proposes to use dry low-NO_x combustors with selective catalytic reduction technology (SCR) that will achieve a NO_x exhaust concentration of 2 ppmvd or less at 15 percent O₂ (3-hour average). CO exhaust will be controlled by oxidation catalyst to achieve

concentrations of 2 ppmvd or less at 15 percent O₂ (3-hour average). The gas turbines will be fueled with natural gas to minimize SO₂ and PM₁₀ emissions. VOC levels are inherently very low for the turbines (i.e., 2 ppmvd). The 3-hour averaging time period for GWF Tracy is proposed to minimize the effects of emission fluctuations due to frequent startups and shutdowns during its operation.

NO_x BACT Review

GWF Tracy proposes a NO_x exhaust concentration of 2 ppmvd or less at 15 percent O₂ (3-hour average) by using dry low-NO_x burners with SCR. To evaluate NO_x BACT for the proposed modification to combined-cycle operation, BACT/LAER determinations listed in the SJVAPCD BACT guideline, ARB's BACT Clearing House Database, and EPA's RACT-BACT-LAER Clearinghouse (RBLC) were reviewed.

SJVAPCD's BACT guidelines for large combined cycle gas turbines are summarized in Attachment A-1. The NO_x determination is 2.5 ppm at 1-hour average with SCR control. The ammonia (NH₃) emission level is 5 ppm. These emission levels are equal or higher than the NO_x and NH₃ emission level proposed for GWF Tracy.

Relevant LAER/BACT decisions in ARB's BACT Clearinghouse Database are summarized in Attachment A-2. NO_x levels shown in these determinations ranged from 1.5 to 2.5 ppm. The only NO_x emission limit that is lower than 2 ppm was for the IDC Bellingham LLC. The project was cancelled in 2003, based on the most recent status update listed in the SCAQMD BACT/LAER determinations.

Recent permitting decisions for NO_x from combined cycle gas turbines in EPA RACT-BACT-LAER Clearinghouse (RBLC) are shown in Attachment A-3. Except for the IDC Bellingham project, which was cancelled in 2003, all NO_x determinations are equal or greater than 2 ppm. As EPA listed some of the combined cycle turbines under the category of simple cycle turbines, RBLC determinations of simple cycle engines are also reviewed to ensure that all combined cycle turbines were acknowledged. No additional determinations with NO_x limits less than 2 ppm were found in RBLC for the simple cycle turbine category.

As a result, proposed NO_x emissions from GWF Tracy gas turbines are equal or lower than the emission levels achieved in practice listed in SJVAPCD, ARB, and EPA's BACT/LAER determinations. Therefore, NO_x emissions would meet the BACT requirements.

VOC BACT Review

VOC emissions from gas turbines are controlled by good combustion practice and a CO oxidation catalyst. The proposed VOC limit for the turbines is 2 ppmvd at 15 percent O₂ with a 3-hour averaging period.

SJVAPCD BACT guidelines state that the VOC emission level achieved in practice is 2 ppm for gas turbines using natural gas fuel (shown in Attachment A-1). Although the Midway Sunset Power Project listed a VOC limit of 1.5 ppmv in SJVAPCD's guideline as "technologically feasible", the district has confirmed that this project has not been built; thus, the 1.5 ppm VOC level has not been achieved in practice.

ARB Clearing House database determinations for gas turbine VOC emissions are summarized in Attachment A-2. Of the 5 facilities listed in the ARB database with VOC limits below 2 ppm, IDC Bellingham LLC and Midway Sunset Power Project have not been

built. SJVAPCD confirmed that the VOC limit for La Paloma Generating Co. LLC unit should be listed as 0.7 ppm as propane, which is equivalent to 2.1 ppm as methane. Therefore, the emission limit for La Paloma is actually higher than the GWF Tracy proposed limit of 2 ppm. The Calpine Corporation project listed a VOC emission limit of 1 ppmv. This limit, however, applies to a longer averaging period of 24 hours instead of a 3 hour averaging period used for GWF Tracy. The SMUD project at Clay Station is listed as having a VOC emission limit of 1.4 ppmv, although the SMAQMD has confirmed that this limit applies only to turbine operation without duct burner firing.

The EPA RBLC listed 8 facilities with VOC emission limits below 2 ppm. All other facilities had VOC emission levels at or above the proposed project design levels. The RBLC determinations with VOC levels less than 2 ppm are summarized in Attachment A-4. These facilities have either not been built or have emission levels applying only to turbines operating without a duct burner. Five of the facilities with lower VOC limits were also listed in ARB's Clearing House and have been discussed above. Of the remaining 3 facilities, Genova Arkansas I, LLC, listing a VOC limit of 1.4 ppm, has not been built. FPL Martin Plant in Florida, Fairbault Energy Park in Minnesota, Clovis Energy Facility in New Mexico, and Conectiv Bethlehem project in Pennsylvania all listed VOC emission limits ranging from 1.0 to 1.4 ppm. The state agencies for each of these facilities have confirmed, however, that these limits only apply to turbine operation without duct burners. The VOC limits for the operations with duct burners for the same facilities range from 3 to 12 ppm, far above the emission levels proposed for GWF Tracy. The Gila Bend Power Generating Station lists a VOC emission limit of 1.4 ppmv; the state agency indicated that the actual VOC limit listed in the facility permit is 2.8 ppm.

The EPA RBLC indicated that the FPL Turkey Point Power Plant achieved VOC emission levels of 1.9 ppm with duct burner firing. The GWF Tracy proposed limit of 2 ppm would be comparative to this level considering the uncertainties involved with source testing or data collection processes.

Based on the evaluation, it is concluded that the proposed emission level of VOCs from Tracy's gas turbines would be equal to or lower than the SJVAPCD, ARB, and EPA's BACT/LAER determinations. As a result, VOC emissions from the turbines would meet BACT requirements.

CO BACT Review

CO emissions from the GWF Tracy gas turbines will be controlled by oxidation catalyst to achieve exhaust concentrations of 2 ppmvd or less at 15 percent O₂ (3-hour average).

Because the post modification CO emissions from the project will be less than 100 tons per year, CO is not subject to BACT requirements according to SJVAPCD rule 2201. However, CO BACT determinations are summarized in this review to demonstrate that CO emissions from the turbines are as low as otherwise required under BACT.

Summaries of CO BACT determinations in SJVAPCD, ARB, and EPA databases are presented in Attachment A-1, A-2, and A-5. All projects listed in the SJVAPCD and ARB Clearing House had CO emission limits at or above the 2 ppm level proposed for GWF Tracy. EPA's RBLC search indicated two projects have CO limits below 2 ppm. The CPV Warren Project lists a CO emission limit of 1.3 and 1.8 ppmv. However, this project has not

been constructed. The Kleen Energy System LLC facility lists a CO limit of 1.7 ppm with a duct burner. The state agency confirmed that the permit was issued in February 2008 and the facility is not in operation, thus the 1.7 ppm level has not been achieved in practice yet.

While CO emissions from the turbines are not subject to BACT requirement under SJVAPCD Rule 2201, the proposed Project limit of 2 ppmvd of CO at 15 percent O₂ would otherwise meet the BACT requirements based on the BACT review.

Discussion of Auxiliary Boiler BACT

The auxiliary boiler would be natural gas fired with a maximum rating of 85 MMBtu/hr. The proposed emission limits for the boiler are 6 ppm at 3% O₂ for NO_x and 50 ppm at 3% O₂ for CO. The emission limits correspond to 0.007 lb/MMBtu of NO_x and 0.037 lb/MMBtu of CO. Emissions of VOC, SO₂ and PM₁₀ are minimized by using natural gas fuel. CO is not subject to BACT requirements.

To evaluate BACT for the proposed auxiliary boiler, the SJVAPCD, ARB, and EPA LAER/BACT determination for similar boilers were reviewed. The relevant LAER/BACT determinations for SJVAPCD and ARB are shown in Tables 2-1 and 2-2, respectively. Although the boiler is not subject to CO BACT requirements, information regarding CO BACT determinations was included to demonstrate that CO emissions from the boiler would otherwise meet the BACT requirements.

Table 2-1
SJVAPCD BACT Guideline For Boilers

Pollutant	Achieved in Practice or	
	Contained in SIP	Technologically Feasible
NO _x	15 ppmvd @3% O ₂ (0.018 MMBtu/hr), Ultra Low NOx Burner.	9 ppmvd @3% O ₂ (0.0108 MMBtu/hr), SCR, Low temperature oxidizer, or equal
SO ₂	Natural gas fired with LPG as a backup Fuel	
VOC	Natural gas fired with LPG as a backup Fuel	
PM ₁₀	Natural gas fired with LPG as a backup Fuel	

Notes:

1. Source: SJVAPCD Best Available Control Technology (BACT) Guideline 1.1.3, Boiler >20 MMBtu/hr, Natural Gas Fired, with Highly Variable Loads or High Turndown Ratios.
2. CO determination is not listed in the guideline for this type of equipment.

Table 2-2
ARB Clearing House Database BACT/LAER Determinations

Facility	District	Permit	Permit	Equipment/	CO	NO _x
		Number	Date	Rating	Limit/Control Technology	Limit/Control Technology

Genentech Inc	Bay Area AQMD	12680	9/27/2005	Steam Boiler Model NS-E-64-ST-CA- HM-AL	50 ppm (Ultra Low NOx burner)	9 ppm (Ultra Low NOx burner)
Darling International Inc	South Coast AQMD	186624	7/17/1990	Nebraska Coen DAF-Lo NOx with FGR	100 ppm	9 ppm (Low NOx burner/fgr)
Kal Kan Foods	South Coast AQMD	181183	7/24/1990	Babcock&Wilcox FM101-88	400 ppm (SCR)	9 ppm (SCR)

As shown in Tables 2-1 and 2-2, the lowest emission limits listed in the SJVAPCD and ARB databases are 50 ppm for CO and 9 ppm for NO_x, both of which are higher than the emission limits proposed for the GWF Tracy auxiliary boiler.

The EPA RACT-BACT-LAER Clearinghouse (RBLC) was also reviewed for recent permitting decisions for auxiliary boilers. A list of facilities reviewed for this analysis is shown in Attachment A-6. All NO_x emission levels and all CO emission levels except one are either at or above the proposed emissions levels for the GWF Tracy auxiliary boiler.

Discussion of Fire Pump BACT

To evaluate BACT for the proposed fire pump engine, the SJVAPCD and ARB LAER/BACT guideline for diesel IC engines driving fire pumps was reviewed. The relevant LAER/BACT determinations for SJVAPCD and ARB are shown in Tables 3-1 and 3-2, respectively. PM₁₀, SO₂, and CO emissions from the fire pump are less than 2 pounds per day, thus are not subject to BACT requirements according to Rule 2201, section 4.1. BACT determinations of PM₁₀, SO₂, and CO are listed for information purposes only.

TABLE 3-1
SJVAPCD BACT Guideline For Emergency Diesel I.C. Engines¹

Pollutant	Achieved in Practice or Contained in SIP	Technologically Feasible
NO _x	Certified NOx emissions of 6.9 g/hp-hr or less.	
SO ₂	Low-sulfur diesel fuel (500 ppmw sulfur or less) Very low-sulfur diesel fuel (15 ppmw sulfur or less) when available	
CO	NA	oxidation catalyst
VOC	Positive crankcase ventilation	
PM ₁₀	1. If TBACT is triggered, 0.1 g/hp-hr 2. If TBACT is not triggered, 0.4 g/hp-hr	

Notes:

¹ Source: SJVAPCD Best Available Control Technology (BACT) Guideline 3.1.4, Emergency Diesel I.C. Engine Driving A Fire Pump

NO_x levels shown in SJVAPCD and ARB's BACT determinations are 6.9 and 4.2 g/hp-hr, respectively. The proposed emergency engine for the fire pump will be a Tier III engine, and will have NO_x emissions less than 2.67 g/hp-hr, which is lower than the reviewed BACT determination levels. Therefore, the emergency diesel fire pump engine will meet the BACT requirements.

TABLE 3-2
ARB Clearing House Database BACT/LAER Determinations

Facility	District	Permit Number	Permit Date	Equipment/Rating	CO Limit/Control Technology	NOx Limit/Control Technology	VOC Limit/Control Technology	PM10 Limit/Control Technology	Notes
East Los Angeles College	South Coast AQMD	417691	10/31/2003	John Deere VMFP-L6HR 6-cylinder, 4-cycle emergency diesel engine (160 hp)	8.5 g/hp-hr (Raw water aftercooler)	6.9 g/hp-hr (Raw water aftercooler)	1 g/hp-hr (Raw water aftercooler)	0.38 g/hp-hr	
Pharmavite	South Coast AQMD	372882	9/11/2000	Detroit Diesel PDFP-L6YT lean burn emergency diesel engine (110 hp)	8.5 g/hp-hr (4-way catalyst converter with EGR system)	6.9 g/hp-hr (4-way catalyst converter with EGR system)	1 g/hp-hr (4-way catalyst converter with EGR system)	0.38 g/hp-hr (4-way catalyst converter with EGR system)	
Ultramar, Inc.	South Coast AQMD	395874	5/14/2002	Cummins Engine Co. 6CTA8.3-F3 lean burn emergency diesel engine with compression ignition (300 hp)	3.55 g/hp-hr	5.89 g/hp-hr 4.2 g/hp-hr (5.5 degrees fuel injection timing retarded-aftercooler by raw water)	0.73 g/hp-hr	0.25 g/hp-hr	
Los Angeles County Probation/ FAC Planning/ ISD	South Coast AQMD	418342	8/14/2003	John Deere 6068 6-cylinder, 4-cycle emergency diesel engine (240 hp)	0.44 g/hp-hr		None listed.	0.14 g/hp-hr	CO limits apply to major sources only

ATTACHMENT A-1

Summary of SJVAPCD BACT Determinations for Combined-Cycle Gas Turbine Projects

TABLE A-1
 SJVAPCD BACT Guideline For Large Gas Turbines ¹

Pollutant	Achieved in Practice or Contained in SIP	Technologically Feasible
NO _x	2.5 ppmvd @15% O ₂ , 1 hr average, excluding startup and shutdown. SCR or equal.	2 ppmvd @ 15% O ₂ , 1 hr avg, excluding startup and shutdown. SCR or equal.
SO ₂	1. PUC-regulated natural gas or 2. Non-PUC-regulated gas with no more than 0.75 g S/100 dscf, or equal	
CO	6.0 ppmv @15% O ₂ (Oxidation catalyst or equal) Oxidation catalyst and natural gas fuel	4 ppmv Oxidation catalyst and natural gas fuel or LPG
VOC	2.0 ppmv and natural gas fuel	1.5 ppmv @ 15% O ₂ ²
PM ₁₀	Air inlet filter cooler, lube oil vent coalescer and natural gas fuel	Air inlet cooler/filter, lube oil vent coalescer and natural gas fuel or LPG
Ammonia	5 ppmvd	5 ppmvd

Notes:

¹ Source: SJVAPCD Best Available Control Technology (BACT) Guideline 3.4.2, Gas Turbine = or > 50MW, Uniform Load, with Heat Recovery

² The 1.5 ppmv VOC limit listed under the "Technologically Feasible" were from the permit of the Midway Sunset Power Project. It was confirmed by the SJVAPCD that this project has not been built and the 1.5 ppmv VOC limit was not achieved in practice at this facility.

ATTACHMENT A-2

Summary of ARB BACT Determinations for Combined-Cycle Gas Turbines

TABLE A-2
ARB Clearing House Database BACT/LAER Determinations

Facility	District	Permit Number	Permit Date	Equipment/ Rating	CO Limit/Control Technology	NO _x Limit/Control Technology	VOC Limit/Control Technology	Note
Magnolia Power Project, SCPPA	South Coast AQMD	386305	5/27/2003	GE PG7241FA Combined cycle gas turbine with steam injection (181 MW)	2 ppm (SCR and oxidation catalyst)	2 ppm (SCR and oxidation catalyst)	2 ppm (SCR and oxidation catalyst)	
Calpine Corporation	Feather River AQMD	97-AFC-2	12/01/2000	Westinghouse 501F Combined cycle gas turbine with supplemental firing (170 MW each) and steam turbine (160 MW)	4 ppm (SCR and oxidation catalyst)	2.5 ppm (Dry low-NO _x combustors, SCR, and oxidation catalyst)	1 ppm (SCR and oxidation catalyst)	1 ppm VOC limit applies to a 24-hour averaging period, not a 3-hour averaging period.
Elk Hills Power Project	San Joaquin Valley APCD	S-3523-1-0	3/01/2003	GE PG7241FA Combined cycle gas turbine with supplemental firing (153 MW each) and steam turbine (171 MW)	4 ppm (SCR and oxidation catalyst)	2.5 ppm (SCR and oxidation catalyst)	2 ppm (SCR and oxidation catalyst)	
Three Mountain Power, LLC	Shasta County AQMD	99-PO-01	10/10/2003	GE PG7241FA Combined cycle gas turbines (2038 MMBtu/hr each) with HRSG duct burners (290 MMBtu/hr each)	4 ppm (SCR and oxidation catalyst)	2.5 ppm (SCR and oxidation catalyst)	2 ppm	
IDC Bellingham, LLC	NA	ASP IDC	9/11/2000	GE 7FA Combined cycle gas turbine with supplemental firing (170 MW) and steam turbine (185 MW)	2 ppm (SCR and oxidation catalyst)	1.5 ppm (SCR and oxidation catalyst)	1 ppm (SCR and oxidation catalyst)	Project was not built.
SMUD, Clay Station, CA	Sacramento Metropolitan AQMD	16006	3/9/2004	GE 7FA Combined cycle gas turbine (1611 MMBtu/hr)	4 ppm (Add on)	2 ppm (SCR Add-on)	1.4 ppm (Add-on)	1.4 ppm VOC limit applies to operation without burner.

TABLE A-2
 ARB Clearing House Database BACT/LAER Determinations

Facility	District	Permit Number	Permit Date	Equipment/ Rating	CO Limit/Control Technology	NO _x Limit/Control Technology	VOC Limit/Control Technology	Note
Western Midway Sunset Power Project	San Joaquin Valley APCD	S-1135- 313-0	12/12/2003	GE F7A Combined cycle gas turbine with supplemental firing (170 MW each) and steam turbine (160 MW)	4 ppm (SCR and oxidation catalyst)	2 ppm (SCR and oxidation catalyst)	1.4 ppm	Project was not built.
La Paloma Generating Co. LLC	San Joaquin Valley APCD	98-AFC- 2	12/01/2000	ABB GT-24 Combined cycle gas turbine (262 MW)	6 ppm	2.5 ppm (SCONO _x with SCR as an alternative)	0.7 ppm	0.7 ppm VOC limit is "as propane"; it is equivalent to 2.1 ppm as methane.

ATTACHMENT A-3

Summary of EPA RBLC Determinations for Combined-Cycle Gas Turbines - NO_x



Technology Transfer Network Clean Air Technology Center - RACT/BACT/LAER Clearinghouse

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Your search has found **315** facilities that match your search criteria. You can view details for one or more facilities by clicking on the highlighted RBLC identifier or the process description in the list below. To create a report, select one of the standard output formats from the [list of reports](#) at the bottom of this page. Only facilities that are checked in the table below will be included in your report. Click on the check box next to any facility to switch between checked and unchecked or use the "Check" or "Un-Check" all facilities buttons at the top of the list to check or uncheck all records in the list.

Search Criteria

Pollutant: Nitrogen Oxides (NOx)
 Process Category: Large Combustion Turbines (> 25 MW)
 Process Type: 15.210
 Process Name: Natural Gas (includes propane & liquified petroleum gas)
 Permit Date Between 05/06/1998 And 05/06/2008

Check

Un-Check

ALL Facilities

RBLCID	PERMIT DATE	CORPORATE/COMPANY NAME & FACILITY NAME	STANDARD EMISSION LIMIT
<input checked="" type="checkbox"/> CA-1050	09/11/2000	IDC BELLINGHAM, LLC IDC BELLINGHAM, LLC	1.5000 PPM @ 15% O2
<input checked="" type="checkbox"/> AZ-0039	03/07/2003	SALT RIVER PROJECT/SANTAN GEN. PLANT SALT RIVER PROJECT/SANTAN GEN. PLANT	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> * OR-0041	08/08/2005	DIAMOND WANAPA I, L.P. WANAPA ENERGY CENTER	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> AZ-0038	05/15/2002	GILA BEND POWER GENERATING STATION GILA BEND POWER GENERATING STATION	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> CA-1096	05/27/2003	VERNON CITY LIGHT & POWER VERNON CITY LIGHT & POWER	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> AZ-0043	11/12/2003	DUKE ENERGY ARLINGTON VALLEY	2.0000 PPM @ 15% O2

<input checked="" type="checkbox"/>	AZ-0043	11/12/2003	DUKE ENERGY ARLINGTON VALLEY (AVEFII) DUKE ENERGY ARLINGTON VALLEY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0034	11/13/2000	DUKE ENERGY ARLINGTON VALLEY (AVEFII) LAS VEGAS COGENERATION, LP	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	WA-0315	04/17/2003	LAS VEGAS COGENERATION FACILITY SUMAS ENERGY 2 GENERATION FACILITY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	CA-1097	05/27/2003	SUMAS ENERGY 2 GENERATION FACILITY MAGNOLIA POWER PROJECT, SCPPA	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0291	07/30/2004	MAGNOLIA POWER PROJECT, SCPPA CPV WARREN LLC	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0035	08/16/2005	CPV WARREN LLC SIERRA PACIFIC POWER COMPANY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0047	12/01/2004	TRACY SUBSTATION EXPANSION PROJECT DOME VALLEY ENERGY PARTNERS	<u>2.0000 PPM AT 15% O2</u>
<input checked="" type="checkbox"/>	NV-0035	08/16/2005	WELLTON MOHAWK GENERATING STATION SIERRA PACIFIC POWER COMPANY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0263	02/08/2005	TRACY SUBSTATION EXPANSION PROJECT FLORIDA POWER AND LIGHT	<u>2.0000 PPM @ 15 % O2</u>
<input checked="" type="checkbox"/>	AZ-0047	12/01/2004	FPL TURKEY POINT POWER PLANT DOME VALLEY ENERGY PARTNERS	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0025	08/04/1999	WELLTON MOHAWK GENERATING STATION ANP BELLINGHAM ENERGY COMPANY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0024	04/16/1999	ANP BELLINGHAM ENERGY COMPANY ANP BLACKSTONE ENERGY COMPANY	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	RI-0019	05/03/2000	ANP BLACKSTONE ENERGY COMPANY FPLE RHODE ISLAND STATE ENERGY, L.P.	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0029	09/29/1999	RHODE ISLAND STATE ENERGY CENTER SITHE MYSTIC DEVELOPMENT LLC	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0027	05/07/2000	SITHE MYSTIC DEVELOPMENT LLC CABOT POWER CORPORATION	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* PA-0226	04/09/2002	CABOT POWER CORPORATION LIMERICK PARTNERS, LLC	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	WA-0302	02/23/2001	LIMERICK POWER STATION GOLDENDALE ENERGY, INC.	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	CA-0997	09/01/2003	GOLDENDALE ENERGY PROJECT SACRAMENTO MUNICIPAL UTILITY DISTRICT	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0038	12/29/2003	SACRAMENTO MUNICIPAL UTILITY DISTRICT IVANPAH ENERGY CENTER, L.P.	<u>2.0000 PPM@ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0037	05/14/2004	IVANPAH ENERGY CENTER, L.P. SEMPRA ENERGY RESOURCES	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0058	08/24/2001	COPPER MOUNTAIN POWER PSEG FOSSILL LLC LINDEN GENERATING STATION	<u>2.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0049	09/04/2003	PSEG FOSSIL LLC LINDEN GENERATING STATION ALLEGHENY ENERGY SUPPLY LLC	<u>2.0000 PPM @ 15 O2</u>
<input checked="" type="checkbox"/>	* VA-0304	06/05/2007	LA PAZ GENERATING FACILITY CPV WARREN	<u>2.0000 PPM</u>
<input checked="" type="checkbox"/>	* CT-0151	02/25/2008	CPV WARREN KLEEN ENERGY SYSTEMS, LLC	<u>2.0000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	UT-0066	05/17/2004	PACIFICORP CURRANT CREEK	<u>2.2500 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	OR-0035	01/16/2002	PORTLAND GENERAL ELECTRIC COMPANY PORT WESTWARD PLANT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0244	04/16/2003	FLORIDA POWER & LIGHT FPL MARTIN PLANT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0036	12/02/2000	PINNACLE WEST ENERGY CORP. PINNACLE WEST ENERGY CORP./REDHAWK GEN. FACILITY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0256	09/08/2003	PROGRESS ENERGY FLORIDA HINES ENERGY COMPLEX, POWER BLOCK 3	<u>2.5000 PPMVD @15% O2</u>
<input checked="" type="checkbox"/>	AZ-0035	12/14/2000	DUKE ENERGY ARLINGTON VALLEY DUKE ENERGY ARLINGTON VALLEY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MI-0366	04/13/2005	BERRIEN ENERGY, LLC BERRIEN ENERGY, LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0228	07/12/2001	ALLEGHENY ENERGY SUPPLY CO., L.L.C. SPRINGDALE TOWNSHIP STATION	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0344	08/22/2001	DEER PARK ENERGY CENTER LP DEER PARK ENERGY CENTER	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0287	12/01/2003	JAMES CITY ENERGY PARK LLC JAMES CITY ENERGY PARK	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	WY-0061	04/04/2003	BLACK HILLS CORP. BLACK HILLS CORP./NEIL SIMPSON TWO	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	OR-0040	03/12/2003	KLAMATH GENERATION, LLC KLAMATH GENERATION, LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0287	12/01/2003	JAMES CITY ENERGY PARK LLC JAMES CITY ENERGY PARK	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0289	02/05/2004	DUKE ENERGY WYTHE, LLC DUKE ENERGY WYTHE, LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	GA-0105	04/17/2003	SAVANNAH ELECTRIC AND POWER CO MCINTOSH COMBINED CYCLE FACILITY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MD-0033	09/27/2001	FREE STATE ELECTRIC, LLC KELSON RIDGE	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0289	02/05/2004	DUKE ENERGY WYTHE, LLC DUKE ENERGY WYTHE, LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0227	09/07/2001	EL PASO MERCHANT ENERGY CENTER EL PASO BELLE GLADE ENERGY CENTER	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0265	06/08/2005	PROGRESS ENERGY HINES POWER BLOCK 4	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0034	02/15/2001	HARQUAHALA GENERATING CO. HARQUAHALA GENERATING PROJECT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0226	09/11/2001	EL PASO MERCHANT ENERGY CENTER EL PASO MANATEE ENERGY CENTER	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	WA-0288	09/04/2001	LONGVIEW ENERGY DEVELOPMENT LONGVIEW ENERGY DEVELOPMENT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0044	06/26/2001	MANTUA CREEK GENERATING FACILITY MANTUA CREEK GENERATING FACILITY	<u>2.5000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0225	08/17/2001	EL PASO MERCHANT ENERGY COMPANY EL PASO BROWARD ENERGY CENTER	<u>2.5000 PPM @ 15% O2</u>
	NH-0011	04/26/1999	AES LONDONDERRY, LLC	<u>2.5000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>			AES LONDONDERRY, LLC	
<input checked="" type="checkbox"/>	FL-0241	01/17/2002	COMPETITIVE POWER VENTURES CANA LTD. CPV CANA	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0160	10/10/2000	CALPINE CONSTRUCTION FINANCE CO., LP CALPINE CONSTRUCTION FINANCE CO., LP	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0095	12/07/2001	ALLEGHENY ENERGY SUPPLY CO. LLC (ACADIA BAY ENERGY ALLEGHENY ENERGY SUPPLY CO. LLC	<u>2.5000 PPM @15%O2</u>
<input checked="" type="checkbox"/>	NH-0012	04/26/1999	NEWINGTON ENERGY LLC NEWINGTON ENERGY LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0033	03/22/2001	MESQUITE POWER LLC MESQUITE GENERATING STATION	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0240	08/07/2001	COMPETITIVE POWER VENTURES PIERCE, LTD. CPV PIERCE	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0043	03/28/2002	LIBERTY GENERATING STATION LIBERTY GENERATING STATION	<u>2.5000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0179	08/07/2001	SWEC LLC SWEC LLC	<u>2.5000 PPM@ 15% O2</u>
<input checked="" type="checkbox"/>	AL-0185	07/12/2002	BARTON SHOALS ENERGY, LLC BARTON SHOALS ENERGY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0188	03/28/2002	FAIRLESS ENERGY LLC FAIRLESS ENERGY LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0189	01/16/2002	CONECTIV BETHLEHEM, INC CONECTIV BETHLEHEM, INC.	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0043	03/28/2002	LIBERTY GENERATING STATION LIBERTY GENERATING STATION	<u>2.5000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0184	10/10/2000	CALPINE CONSTRUCTION FINANCE CO. CALPINE BERKS ONTELAUNEE POWER PLANT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	CA-0949	05/22/2001	MOUNTAINVIEW POWER MOUNTAINVIEW POWER	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	CA-0950	01/11/2000	VALERO ENERGY CORPORATION VALERO REFINING COMPANY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* WA-0292	10/23/2001	GRAYS HARBOR ENERGY LLC SATSOP COMBUSTION TURBINE PROJECT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0261	09/06/2002	COMPETITIVE POWER VENTURE CPV CUNNINGHAM CREEK	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	ID-0010	10/19/2001	GARNET ENERGY LLC MIDDLETON FACILITY	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0245	04/15/2003	FLORIDA POWER & LIGHT FPL MANATEE PLANT - UNIT 3	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	WA-0291	01/03/2003	WALLULA GENERATION, LLC WALLULA POWER PLANT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0244	04/16/2003	FLORIDA POWER & LIGHT FPL MARTIN PLANT	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0223	01/30/2002	DUKE ENERGY FAYETTE, LLC DUKE ENERGY FAYETTE, LLC	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0059	05/09/2001	LINDEN COGENERATION TECHNOLOGY COGEN TECHNOLOGIES LINDEN VENTURE, L.P	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	OR-0039	12/30/2003	Peoples Energy Resources	<u>2.5000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	AZ-0041	03/14/2001	COB ENERGY FACILITY, LLC KYRENE GENERATING STATION	<u>2.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	GA-0094	12/27/2001	KYRENE GENERATING STATION, SALT RIVER PROJECT EFFINGHAM COUNTY POWER, LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	GA-0102	01/15/2002	EFFINGHAM COUNTY POWER, LLC OGLETHORPE POWER CORPORATION	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MT-0019	06/07/2002	WANSLEY COMBINED CYCLE ENERGY FACILITY CONTINENTAL ENERGY SERVICES, INC.	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MT-0019	06/07/2002	CONTINENTAL ENERGY SERVICES, INC., SILVER BOW GEN CONTINENTAL ENERGY SERVICES, INC.	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0114	07/24/2002	CONTINENTAL ENERGY SERVICES, INC., SILVER BOW GEN MIRANT SUGAR CREEK LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0110	10/05/2001	MIRANT SUGAR CREEK LLC COGENTRIX LAWRENCE CO., LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	ID-0012	10/19/2001	COGENTRIX LAWRENCE CO., LLC GARNET ENERGY LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	GA-0093	10/28/2001	GARNET ENERGY, MIDDLETON FACILITY AUGUSTA ENERGY CENTER	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0110	10/05/2001	AUGUSTA ENERGY CENTER COGENTRIX LAWRENCE CO., LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	GA-0101	10/23/2002	COGENTRIX LAWRENCE CO., LLC DUKE ENERGY MURRAY LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NC-0101	09/29/2005	MURRAY ENERGY FACILITY FORSYTH ENERGY PROJECTS, LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0114	07/24/2002	FORSYTH ENERGY PLANT MIRANT SUGAR CREEK LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0044	09/10/1999	MIRANT SUGAR CREEK LLC SALT RIVER PROJECT	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0044	09/10/1999	SALT RIVER PROJECT/ DESERT BASIN GENERATING PRJ SALT RIVER PROJECT	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MN-0054	12/04/2003	SALT RIVER PROJECT/ DESERT BASIN GENERATING PRJ MANKATO ENERGY CENTER	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	OH-0252	12/28/2004	DUKE ENERGY HANGING ROCK, LLC DUKE ENERGY HANGING ROCK ENERGY FACILITY	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0037	02/23/2001	TPS Arizona Operations, PANDA GILA RIVER PANDA GILA RIVER	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0085	06/07/2001	PSEG LAWRENCEBURG ENERGY FACILITY PSEG LAWRENCEBURG ENERGY FACILITY	<u>3.0000 PPMDV @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0196	08/07/2001	SWEC-FALLS TOWNSHIP SWEC-FALLS TOWNSHIP	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0092	07/20/2000	WHITING CLEAN ENERGY, INC. WHITING CLEAN ENERGY, INC.	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IA-0058	04/10/2002	MIDAMERICAN ENERGY GREATER DES MOINES ENERGY CENTER	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	DE-0016	10/17/2000	CONECTIV ENERGY, INC. HAY ROAD POWER COMPLEX UNITS 5-8	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	IN-0086	05/09/2001	MIRANT SUGAR CREEK, LLC MIRANT SUGAR CREEK, LLC	<u>3.0000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	CO-0052	08/11/2002	ROCKY MOUNTAIN ENERGY CENTER, LLC. ROCKY MOUNTAIN ENERGY CENTER, LLC.	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MI-0302	07/25/2001	MIRANT WYANDOTTE LLC MIRANT WYANDOTTE LLC	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0250	12/09/1999	RELIANT ENERGY CHANNELVIEW, L.P. CHANNELVIEW COGENERATION FACILITY	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	WA-0289	02/22/2002	TRANSALTA TRANSALTA CENTRALIA GENERATION LLC	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0252	12/28/2004	DUKE ENERGY HANGING ROCK, LLC DUKE ENERGY HANGING ROCK ENERGY FACILITY	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0248	09/24/2002	CALPINE CORPORATION LAWRENCE ENERGY	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0248	09/24/2002	CALPINE CORPORATION LAWRENCE ENERGY	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* LA-0192	06/06/2005	CRESENT CITY POWER, LLC CRESCENT CITY POWER	3.0000 PPM
<input checked="" type="checkbox"/>	CO-0056	05/02/2006	CALPINE CORP. ROCKY MOUNTAIN ENERGY CENTER, LLC	3.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OK-0070	06/13/2002	GENOVA OKLAHOMA LLC GENOVA OK I POWER PROJECT	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	WV-0014	12/18/2001	PANDA CULLODEN POWER, L.P. PANDA CULLODEN GENERATING STATION	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	FL-0239	03/27/2002	JACKSONVILLE ELECTRIC AUTHORITY (JEA) JEA/BRANDY BRANCH	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	SC-0071	04/09/2001	COLUMBIA ENERGY CENTER COLUMBIA ENERGY CENTER I-26 & US HWY 21 SOUTH	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0248	03/06/2000	CHAMBERS ENERGY L.P./AMERICAN NATIONAL POWER CHAMBERS ENERGY L.P./AMERICAN NATIONAL POWER	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0057	10/09/2001	TENASKA ARKANSAS PARTNERS, LP TENASKA ARKANSAS PARTNERS, LP	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0264	05/23/2002	NORTON ENERGY NORTON ENERGY STORAGE, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0265	10/16/2001	Dresden Energy DRESDEN ENERGY LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0051	04/01/2002	DUKE ENERGY DUKE ENERGY-JACKSON FACILITY	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0043	02/27/2001	PINE BLUFF ENERGY LLC PINE BLUFF ENERGY LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0247	03/22/2000	CHANNEL ENERGY CENTER, L.P. CHANNEL ENERGY FACILITY	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0070	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* OH-0255	03/29/2001	AMERICAN ELECTRIC POWER AEP WATERFORD ENERGY LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	FL-0252	08/15/2001	FORT PIERCE REPOWERING PROJECT, LLC FORT PIERCE REPOWERING	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0070	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	3.5000 PPM @ 15% O2
	OH-0265	10/16/2001	Dresden Energy	3.5000 PPM @ 15% O2

<input checked="" type="checkbox"/>			DRESDEN ENERGY LLC	
<input checked="" type="checkbox"/>	<u>OH-0264</u>	05/23/2002	NORTON ENERGY NORTON ENERGY STORAGE, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OH-0263</u>	08/09/2001	CALPINE CORPORATION FREMONT ENERGY CENTER, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* <u>OH-0255</u>	03/29/2001	AMERICAN ELECTRIC POWER AEP WATERFORD ENERGY LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>AR-0070</u>	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TN-0144</u>	02/01/2002	CALPINE CONSTRUCTION FINANCE COMPANY, L. P. HAYWOOD ENERGY CENTER, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OH-0263</u>	08/09/2001	CALPINE CORPORATION FREMONT ENERGY CENTER, LLC	<u>3.5000 PPMVD</u>
<input checked="" type="checkbox"/>	<u>MS-0058</u>	12/13/2001	CHOCTAW GAS GENERATION, LLC CHOCTAW GAS GENERATION, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0352</u>	12/31/2002	BRAZOS VALLEY ENERGY LP BRAZOS VALLEY ELECTRIC GENERATING FACILITY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0328</u>	02/11/2000	BAYTOWN ENERGY CENTER, LP BAYTOWN COGENERATION PLANT	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OK-0090</u>	03/21/2003	DUKE ENERGY DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0055</u>	06/24/2002	EL PASO MERCHANT ENERGY CO. EL PASO MERCHANT ENERGY CO.	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TN-0144</u>	02/01/2002	CALPINE CONSTRUCTION FINANCE COMPANY, L. P. HAYWOOD ENERGY CENTER, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0352</u>	12/31/2002	BRAZOS VALLEY ENERGY LP BRAZOS VALLEY ELECTRIC GENERATING FACILITY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>NC-0095</u>	05/28/2002	MIRANT GASTONIA LLC MIRANT GASTONIA POWER FACILITY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0065</u>	11/13/2001	LONE OAK ENERGY CENTER, LLC LONE OAK ENERGY CENTER, LLC	<u>3.5000 PPMVD</u>
<input checked="" type="checkbox"/>	<u>NC-0094</u>	01/09/2002	GENPOWER EARLEYS, LLC GENPOWER EARLEYS, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>NE-0017</u>	05/29/2003	NEBRASKA PUBLIC POWER DISTRICT BEATRICE POWER STATION	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OH-0257</u>	12/27/2001	JACKSON COUNTY POWER, LLC JACKSON COUNTY POWER, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0059</u>	09/24/2002	LSP-PIKE ENERGY, LLC PIKE GENERATION FACILITY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>NC-0082</u>	12/21/2000	CAROLINA POWER AND LIGHT - RICHMOND CAROLINA POWER AND LIGHT - RICHMOND CO. FACILITY	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>NC-0086</u>	01/10/2002	FAYETTEVILLE GENERATION, LLC FAYETTEVILLE GENERATION, LLC	<u>3.5000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0065</u>	11/13/2001	LONE OAK ENERGY CENTER, LLC LONE OAK ENERGY CENTER, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0064</u>	08/16/2000	TPS MCADAMS, LLC TPS MCADAMS, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MS-0059</u>	09/24/2002	LSP-PIKE ENERGY, LLC	<u>3.5000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	MS-0059	09/24/2002	PIKE GENERATION FACILITY LSP-PIKE ENERGY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NC-0095	05/28/2002	PIKE GENERATION FACILITY MIRANT GASTONIA LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* NE-0023	06/22/2004	MIRANT GASTONIA POWER FACILITY NEBRASKA PUBLIC POWER DISTRICT	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OK-0096	06/03/2003	BEATRICE POWER STATION REDBUD ENERGY LP	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MS-0065	11/13/2001	REDBUD POWER PLANT LONE OAK ENERGY CENTER, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NC-0095	05/28/2002	LONE OAK ENERGY CENTER, LLC MIRANT GASTONIA LLC	3.5000 PPM @ 15 % O2
<input checked="" type="checkbox"/>	MS-0059	09/24/2002	MIRANT GASTONIA POWER FACILITY LSP-PIKE ENERGY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TN-0156	04/09/2001	PIKE GENERATION FACILITY MEMPHIS GENERATION, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NC-0085	03/14/2001	MEMPHIS GENERATION, LLC CAROLINA POWER AND LIGHT	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0411	03/26/2002	CP&L ROWAN CO TURBINE FACILITY CALPINE CONSTRUCTION FINANCE COMPANY LP	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	GA-0118	11/29/1999	AMELIA ENERGY CENTER SOUTHERN COMPANY/GEORGIA POWER COMPANY	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	FL-0122	11/24/1999	WANSLEY STEAM-ELECTRIC GENERATING PLANT Kissimee Utilities Authority (KUA)	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0419	03/22/2000	CANE ISLAND POWER PARK /KUA - UNIT 3 CALPINE CONSTRUCTION FINANCE CO., LP	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	CHANNEL ENERGY FACILITY RELIANT ENERGY CHOCTAW COUNTY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	RELIANT ENERGY CHOCTAW COUNTY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	RELIANT ENERGY CHOCTAW COUNTY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0254	08/14/2003	RELIANT ENERGY CHOCTAW COUNTY, LLC DUKE ENERGY NORTH AMERICA	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	FL-0122	11/24/1999	DUKE ENERGY WASHINGTON COUNTY LLC Kissimee Utilities Authority (KUA)	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0254	08/14/2003	CANE ISLAND POWER PARK /KUA - UNIT 3 DUKE ENERGY NORTH AMERICA	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	PA-0192	10/20/2001	DUKE ENERGY WASHINGTON COUNTY LLC LOWER MOUNT BETHEL ENERGY, LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	FL-0219	05/03/2001	LOWER MOUNT BETHEL ENERGY, LLC CPV ATLANTIC, LTD	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MI-0267	06/07/2001	CPV ATLANTIC POWER GENERATING FACILITY RENAISSANCE POWER LLC	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AL-0188	02/16/2001	RENAISSANCE POWER LLC TENASKA ALABAMA II PARTNERS	3.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AR-0041	08/08/2000	TENASKA ALABAMA II GENERATING STATION TPS - DELL, LLC.	3.5000 PPM @ 15% O2
			TPS - DELL, LLC	

✓	<u>MS-0044</u>	03/27/2001	CALEDONIA POWER LLC CALEDONIA POWER LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>AL-0179</u>	10/03/2001	TENASKA ALABAMA IV PARTNERS, LP TENASKA TALLADEGA GENERATING STATION	<u>3.5000 PPM @ 15% O2</u>
✓	<u>AL-0181</u>	10/23/2001	DUKE ENERGY AUTAUGA, LLC DUKE ENERGY AUTAUGA, LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>TX-0232</u>	08/31/2000	CHAMBERS ENERGY, L.P. ELECTRIC GENERATING STATION	<u>3.5000 PPM @ 15% O2</u>
✓	<u>AL-0141</u>	04/10/2000	GEORGIA POWER COMPANY GPC - GOAT ROCK COMBINED CYCLE PLANT	<u>3.5000 PPMVD</u>
✓	<u>NM-0044</u>	06/27/2002	DUKE ENERGY CURRY LLC CLOVIS ENERGY FACILITY	<u>3.5000 PPMV @ 15% O2</u>
✓	<u>OK-0070</u>	06/13/2002	GENOVA OKLAHOMA LLC GENOVA OK I POWER PROJECT	<u>3.5000 PPM @ 15% O2</u>
✓	<u>FL-0216</u>	06/04/2001	PROGRESS ENERGY FLORIDA HINES ENERGY COMPLEX, POWER BLOCK 2	<u>3.5000 PPM @ 15% O2</u>
✓	<u>MS-0051</u>	11/13/2001	LSP LIMITED PARTNERSHIP, BATESVILLE GENERATION LSP- BATESVILLE GENERATION FACILITY	<u>3.5000 PPMV @ 15% O2</u>
✓	<u>AL-0180</u>	12/11/2001	DUKE ENERGY DALE, LLC DUKE ENERGY DALE, LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>PA-0197</u>	06/15/2001	RELIANT ENERGY HUNTERSTOWN, LLC RELIANT ENERGY HUNTERSTOWN, LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>SC-0061</u>	04/09/2001	COLUMBIA ENERGY LLC COLUMBIA ENERGY LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>PA-0190</u>	05/03/2000	LIBERTY ELECTRIC POWER, LLC LIBERTY ELECTRIC POWER, LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>MI-0303</u>	07/26/2001	MIDLAND COGENERATION VENTURE MIDLAND COGENERATION	<u>3.5000 PPM @ 15% O2</u>
✓	<u>WI-0174</u>	09/20/2000	BADGER GENERATING CO LLC BADGER GENERATING CO LLC	<u>3.5000 PPM @ 15% O2</u>
✓	<u>FL-0233</u>	09/21/2001	ORLANDO UTILITIES COMMISSION (OUC) OUC STANTON ENERGY CENTER	<u>3.5000 PPM @ 15% O2</u>
✓	<u>AL-0141</u>	04/10/2000	GEORGIA POWER COMPANY GPC - GOAT ROCK COMBINED CYCLE PLANT	<u>3.6000 PPM @ 15% O2</u>
✓	<u>AL-0143</u>	03/03/2000	ALABAMA ELECTRIC COOPERATIVE AEC - MCWILLIAMS PLANT	<u>3.6000 PPM @ 15% O2</u>
✓	<u>AL-0165</u>	06/06/2000	CALPINE CONSTRUCTION FINANCE CORPORATION LC DECATUR ENERGY CENTER	<u>3.6000 PPM @ 15% O2</u>
✓	<u>AL-0162</u>	01/08/2001	ALABAMA POWER COMPANY AUTAUGAVILLE COMBINED CYCLE PLANT	<u>3.6000 PPM @ 15% O2</u>
✓	<u>AL-0168</u>	01/12/2001	GENPOWER KELLEY LLC GENPOWER KELLEY LLC	<u>3.6000 PPM @ 15% O2</u>
✓	<u>NV-0033</u>	08/19/2004	EL DORADO ENERGY, LLC EL DORADO ENERGY, LLC	<u>3.7000 PPM @ 15% O2</u>
✓	<u>TX-0391</u>	12/20/2002	OXY VINYL LP OXY COGENERATION FACILITY	<u>4.0000 PPM @ 15% O2</u>
✓	<u>TX-0428</u>	12/19/2002	OXY VINYL LP HOUSTON OPERATIONS -- BATTLEGROUND SITE	<u>4.0000 PPM @ 15% O2</u>
		08/19/1999		<u>4.0000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	* <u>MO-0049</u>		KANSAS CITY POWER & LIGHT CO. - HAWTHORN STATION	
<input checked="" type="checkbox"/>	<u>CO-0049</u>	01/17/2001	NORTH AMERICAN POWER GP -KIOWA CREEK NORTH AMERICAN POWER GP -KIOWA CREEK	<u>4.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>AL-0132</u>	11/29/1999	TENASKA ALABAMA GENERATING STATION TENASKA ALABAMA GENERATING STATION	<u>4.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* <u>LA-0224</u>	03/20/2008	SOUTHWEST ELECTRIC POWER COMPANY (SWEP CO) ARSENAL HILL POWER PLANT	<u>4.0000 PPMVD@15% O2</u>
<input checked="" type="checkbox"/>	<u>OR-0034</u>	04/13/1999	HERMISTON POWER COMPANY & TCPL HERMISTON, LTD HERMISTON POWER PARTNERSHIP	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>LA-0127</u>	08/25/2000	CLECO MIDSTREAM RESOURCES, LLC PERRYVILLE	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>LA-0157</u>	03/08/2002	PERRYVILLE ENERGY PARTNERS, LLC PERRYVILLE POWER STATION	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OR-0032</u>	10/13/1998	PORTLAND GENERAL ELECTRIC COYOTE SPRINGS PLANT	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>LA-0164</u>	01/31/2002	ACADIA POWER PARTNERS ACADIA POWER STATION, ACADIA POWER PARTNERS LLC	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MN-0048</u>	01/12/2001	NORTHERN STATES POWER COMPANY/XCEL ENERGY BLACK DOG GENERATING PLANT	<u>4.5000 PPM @ 15%O2</u>
<input checked="" type="checkbox"/>	<u>MN-0043</u>	11/17/2000	XCEL ENERGY, BLACK DOG ELECTRIC GENERATING STATION XCEL ENERGY, BLACK DOG ELECTRIC GENERATING STATION	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MI-0244</u>	02/08/1999	WYANDOTTE ENERGY WYANDOTTE ENERGY	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>MN-0035</u>	11/10/1998	LSP - COTTAGE GROVE, L.P. LSP - COTTAGE GROVE, L.P.	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>OK-0051</u>	10/01/1999	COGENTRIX ENERGY INC GREEN COUNTRY ENERGY PROJECT	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>IL-0091</u>	01/28/2000	LSP NELSON ENERGY, LLC LSP NELSON ENERGY, LLC	<u>4.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0262</u>	01/03/2000	ARCHER POWER PARTNERS, L.P. ARCHER GENERATING STATION	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0296</u>	07/14/2000	WISE COUNTY POWER COMPANY LLC WISE COUNTY POWER	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* <u>LA-0136</u>	12/26/2001	VENTURES LEASE COMPANY, LLC PLAQUEMINE COGENERATION FACILITY	<u>5.0000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0343</u>	06/27/2001	MC ENERGY PARTNERS LP MONTGOMERY COUNTY POWER PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>LA-0120</u>	02/26/2002	SHELL CHEMICAL LP GEISMAR PLANT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0337</u>	12/21/2000	CEDAR POWER PARTNERS LP CEDAR BLUFF POWER PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0302</u>	10/02/1998	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP MIDLOTHIAN ENERGY PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0372</u>	07/28/2000	WEST TEXAS ENERGY LIMITED PARTNERSHIP WEST TEXAS ENERGY FACILITY	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0325</u>	05/09/2000	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP MIDLOTHIAN ENERGY PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	<u>TX-0325</u>	05/09/2000	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP	<u>5.0000 PPM @ 15% O2</u>

<input checked="" type="checkbox"/>	TX-0372	07/28/2000	MIDLOTHIAN ENERGY PROJECT WEST TEXAS ENERGY LIMITED PARTNERSHIP WEST TEXAS ENERGY FACILITY	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0405	12/15/2000	WESTVACO TEXAS LP WESTVACO TEXAS LP	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0401	12/15/2000	COTTONWOOD ENERGY COMPANY COTTONWOOD ENERGY PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0437	07/05/2002	HARTBURG POWER, LP HARTBURG POWER, LP	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0409	06/08/1999	HAYS ENERGY PROJECT HAYS ENERGY PROJECT	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0388	02/12/2002	AUSTIN ELECTRIC UTILITY SAND HILL ENERGY CENTER	<u>5.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0407	12/06/2002	STEAG POWER LLC STERNE ELECTRIC GENERATING FACILITY	<u>5.0000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	MN-0054	12/04/2003		<u>5.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0255	09/30/1998	MANKATO ENERGY CENTER CALPINE CORPORATION	<u>6.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0262	01/03/2000	PASADENA 2 POWER FACILITY ARCHER POWER PARTNERS, L.P. ARCHER GENERATING STATION	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0260	12/13/2000	LG & E POWER, INC. PALESTINE ENERGY FACILITY	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0124	11/22/1999	OLEANDER POWER PROJECT OLEANDER POWER PROJECT	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0237	09/08/1998	FINA OIL AND CHEMICAL COMPANY PORT ARTHUR REFINERY	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0265	09/30/1999	GENTEX POWER CORP AND CALPINE CORP. LOST PINES 1 POWER PLANT	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0305	10/28/1998	PANDA PARIS LLC PARIS GENERATING STATION	<u>9.0000 PPM @ 15%O2</u>
<input checked="" type="checkbox"/>	TX-0255	09/30/1998	CALPINE CORPORATION PASADENA 2 POWER FACILITY	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0254	12/31/1998	CALPINE CORPORATION MAGIC VALLEY GENERATION STATION	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	* LA-0132	12/09/1999	CARVILLE ENERGY LLC CARVILLE ENERGY CENTER	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0304	10/14/1998	CITY PUBLIC SERVICE OF SAN ANTONIO VH BRAUNIG A VON ROSENBERG PLANT	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0351	03/11/2002	SEI TEXAS LLC WEATHERFORD ELECTRIC GENERATION FACILITY	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0326	07/20/2000	THE AES AURORA AES WOLF HOLLOW LP	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0299	01/31/2000	DUKE ENERGY KAUFMAN LP KAUFMAN COGEN LP	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0297	03/14/2000	MOBIL OIL CORPORATION EXXON-MOBIL BEAUMONT REFINERY	<u>9.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	TX-0330	03/14/2000	DUKE ENERGY JACK LP JACK COUNTY POWER PLANT	<u>9.0000 PPM @ 15% O2</u>

✓	LA-0153	05/16/2001	CARVILLE ENERGY LLC CARVILLE ENERGY CENTER	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0369	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0324	11/18/1999	ODESSA-ECTOR POWER PARTNER ODESSA-ECTOR GENERATING STATION	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0350	01/31/2002	ENNIS-TRACTEBEL II LP ENNIS TRACTEBEL POWER	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0405	12/15/2000	WESTVACO TEXAS LP WESTVACO TEXAS LP	<u>9.0000 PPM @ 15% O2</u>
✓	FL-0123	10/15/1999	DUKE ENERGY NEW SMYRNA BEACH POWER CO. LP DUKE ENERGY NEW SMYRNA BEACH POWER CO. LP	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0414	04/22/1999	FINA OIL & CHEMICAL COPMANY ATOFINA PETROCHEMICALS PORT ARTHUR COMPLEX	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0406	11/19/1999	EASTEX COGENERATION LIMITED PARTNERSHIP EASTEX COGENERATION STATION	<u>9.0000 PPM @ 15% O2</u>
✓	TX-0406	11/19/1999	EASTEX COGENERATION LIMITED PARTNERSHIP EASTEX COGENERATION STATION	<u>9.0000 PPM @ 15%O2</u>
✓	FL-0186	02/24/2000	CITY OF GAINESVILLE CITY OF GAINESVILLE REGIONAL UTILITIES	<u>9.0000 PPM @ 15% O2</u>
✓	FL-0223	11/04/1999	LAKE WORTH GENERATION, LLC LAKE WORTH GENERATION, LLC	<u>9.0000 PPM @ 15% O2</u>
✓	SC-0066	04/03/2000	SANTEE COOPER RAINEY GENERATION STATION SANTEE COOPER RAINEY GENERATION STATION	<u>9.0000 PPM @ 15% O2</u>
✓	OK-0041	01/19/2000	NRG MCCLAIN LLC MCCLAIN ENERGY FACILITY	<u>9.0000 PPM @ 15% O2</u>
✓	IN-0087	06/06/2001	DUKE ENERGY, VIGO LLC DUKE ENERGY, VIGO LLC	<u>9.0000 PPM @ 15% O2</u>
✓	OK-0050	01/21/2000	CALPINE CORP ONETA GENERATING STA	<u>9.0000 PPM @ 15% O2</u>
✓	LA-0146	05/10/2000	SHELL CHEMICAL COMPANY - GEISMAR PLANT SHELL CHEMICAL COMPANY - GEISMAR PLANT	<u>9.0000 PPM @ 15% O2</u>
✓	SC-0060	04/03/2000	SANTEE COOPER RAINEY GENERATING STATION	<u>9.0000 PPM @ 15% O2</u>
✓	MI-0268	06/26/2000	KM POWER COMPANY KM POWER COMPANY	<u>9.0000 PPM @ 15% O2</u>
✓	FL-0223	11/04/1999	LAKE WORTH GENERATION, LLC LAKE WORTH GENERATION, LLC	<u>9.4000 PPM @ 15% O2</u>
✓	TX-0233	10/29/2001	RELIANT ENERGY CHANNELVIEW LP RELIANT ENERGY- CHANNELVIEW COGENERATION FACILITY	<u>10.0000 PPM @ 15% O2</u>
✓	TX-0308	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	<u>12.0000 PPM @ 15% O2</u>
✓	FL-0117	05/29/1998	CITY OF TALLAHASSEE UTILITY SERVICES CITY OF TALLAHASSEE UTILITY SERVICES	<u>12.0000 PPMVD @ 15% O2</u>
✓	AR-0026	05/05/1999	PINE BLUFF ENERGY LLC - PINE BLUFF ENERGY CENTER PINE BLUFF ENERGY LLC - PINE BLUFF ENERGY CENTER	<u>12.0000 PPM @ 15% O2</u>
✓	TX-0291	05/07/1999	TENASKA GATEWAY PARTNERS LTD TENASKA GATEWAY GENERATING STATION	<u>12.2000 PPM @ 15% O2</u>
	TX-0291	05/07/1999	TENASKA GATEWAY PARTNERS LTD	<u>12.2000 PPM @ 15%</u>

<input checked="" type="checkbox"/>			TENASKA GATEWAY GENERATING STATION	O2
<input checked="" type="checkbox"/>	<u>TX-0291</u>	05/07/1999	TENASKA GATEWAY PARTNERS LTD TENASKA GATEWAY GENERATING STATION	12.2000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OK-0056</u>	02/12/2002	MUSTANG POWER LLC HORSESHOE ENERGY PROJECT	12.5000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0273</u>	03/21/2000	COASTAL POWER COMPANY BASTROP CLEAN ENERGY CENTER	12.6000 PPM @15% O2
<input checked="" type="checkbox"/>	<u>TX-0370</u>	12/03/1999	RIO NOGALES POWER PROJECT RIO NOGALES POWER PROJECT	12.8000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0311</u>	02/15/1999	PANDA GUADALUPE POWER LP GUADALUPE GENERATING STATION	13.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0305</u>	10/28/1998	PANDA PARIS LLC PARIS GENERATING STATION	13.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0383</u>	03/06/2000	COBISA-FORNEY LIMITED PARTNERSHIP FORNEY PLANT	13.4000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0294</u>	03/20/2000	GATEWAY POWER PROJECT LP GATEWAY POWER PROJECT	13.4000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>DE-0016</u>	10/17/2000	CONECTIV ENERGY, INC. HAY ROAD POWER COMPLEX UNITS 5-8	14.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0369</u>	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	14.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0323</u>	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>IL-0091</u>	01/28/2000	LSP NELSON ENERGY, LLC LSP NELSON ENERGY, LLC	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0368</u>	01/08/1999	LUBBOCK POWER AND LIGHT PLANT NO. 2	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0414</u>	04/22/1999	FINA OIL & CHEMICAL COPMANY ATOFINA PETROCHEMICALS PORT ARTHUR COMPLEX	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>CO-0037</u>	04/19/1999	COLORADO SPRINGS UTILITIES COLORADO SPRINGS UTILITIES	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OK-0045</u>	08/15/2001	REDBUD ENERGY LP REDBUD POWER PLT	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OK-0046</u>	05/17/2001	THUNDERBIRD GENERATION LLC THUNDERBIRD POWER PLT	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0234</u>	01/08/2002	EDINBURG ENERGY LIMITED PARTNERSHIP EDINBURG ENERGY LIMITED PARTNERSHIP	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OK-0044</u>	08/16/2001	SMITH COGENERATION OK INC SMITH POCOLA ENERGY PROJECT	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OK-0029</u>	10/18/1999	PUBLIC SVC CO OF OK PSO NORTHEASTERN POWER STA	15.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* <u>NJ-0036</u>	10/24/2001	AES RED OAK LLC AES RED OAK LLC	15.3000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0283</u>	08/07/1998	TENASKA FRONTIER PARTNERS, LTD. TENASKA FRONTIER GENERATION STATION	16.7000 PPM @15% O2
<input checked="" type="checkbox"/>	<u>TX-0293</u>	06/16/1999	GREGORY POWER PARTNERS LP GREGORY POWER FACILITY	16.8000 PPM @15% O2
<input checked="" type="checkbox"/>	* <u>PA-0186</u>	05/04/2001	FLORIDA POWER & LIGHT	18.7000 PPM @ 15%

<input checked="" type="checkbox"/>	LA-0122	08/14/2001	FPL ENERGY MARCUS HOOK, L.P. INTERNATIONAL PAPER - MANSFIELD MILL MANSFIELD MILL	O2 21.7000 PPM @ 15 %
<input checked="" type="checkbox"/>	PA-0187	03/21/2001	GRAYS FERRY COGEN PARTNERSHIP GRAYS FERRY COGEN PARTNERSHIP	O2 23.0000 PPM @ 15%
<input checked="" type="checkbox"/>	OH-0268	03/26/2002	Global Energy, Inc. LIMA ENERGY COMPANY	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	OK-0028	03/24/1999	ASSOCIATED ELECTRIC COOPERATIVE, INC. CHOUTEAU POWER PLANT	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	LA-0194	11/24/2004	SABINE PASS LNG, LP SABINE PASS LNG IMPORT TERMINAL	O2 25.0000 PPMVD @ 15%
<input checked="" type="checkbox"/>	OK-0055	02/12/2002	MUSTANG POWER LLC MUSTANG ENERGY PROJECT	O2 25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	KY-0081	06/07/2001	KENTUCKY PIONEER ENERGY, LLC KENTUCKY PIONEER ENERGY, LLC - TRAPP	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	AR-0024	02/28/2000	WRIGHTSVILLE POWER FACILITY WRIGHTSVILLE POWER FACILITY	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MI-0268	06/26/2000	KM POWER COMPANY KM POWER COMPANY	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0369	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	O2 25.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0429	02/23/2000	VALERO REFINING CO. - TEXAS VALERO REFINING CO. - TEXAS CITY	O2 26.0000 PPM @ 15%
<input checked="" type="checkbox"/>	WA-0299	09/06/2002	SUMAS ENERGY 2, INC. SUMAS ENERGY 2 GENERATION FACILITY	O2 27.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0323	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	O2 42.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0323	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	O2 42.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0323	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	O2 96.0000 PPM @15% O2
<input checked="" type="checkbox"/>	TX-0323	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	O2 96.0000 PPM @ 15%
<input checked="" type="checkbox"/>	SC-0062	09/22/2000	SC ELECTRIC AND GAS COMPANY - URQUHART STATION SC ELECTRIC AND GAS COMPANY - URQUHART STATION	O2 102.0000 PPM @ 15% O2

ALL Facilities

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ATTACHMENT A-4

Summary of EPA RBLC for Combined-Cycle Gas Turbines – VOC

TABLE A-4

EPA Clearing House BACT/LAER Determinations for VOC (projects with VOC level less than 2 ppm only)

Database ID	Facility	Equipment Description	Permit Date	VOC Limits in Database	Notes ¹
AR-0070 (final)	Genova Arkansas I, LLC	GE (170 MW)	10/28/2003	1.4000 ppm @ 15% O ₂	Project was not built.
AZ-0038 (final)	Gila Bend Power Generating Station	Turbine (170 MW)	12/6/2004	1.4000 ppm @ 15% O ₂	VOC limit is 2.8 ppm in the facility permit.
CA-0997 (final)	Sacramento Municipal Utility District	GE 7FA (1611 MMBtu/hr)	3/9/2004	1.4000 ppm @ 15% O ₂	1.4 ppm VOC limit applies to operation without duct burner.
FL-0244 (final)	FPL Martin Plant	Gas turbines (170 MW), HRSG with duct firing, and steam turbine (470 MW)	12/22/2003	1.3000 ppm 15% O ₂	1.3 ppm VOC limit applies to operation without duct burner. VOC limit is 4 ppm with duct burner.
FL-0263 (final)	FPL Turkey Point Power Plant	Gas turbines (170 MW), HRSG with duct firing, and steam turbine (470 MW)	1/12/2006	1.9000 ppm @ 15 % O ₂ with duct burner	Achieved.
MN-0053 (final)	Fairbault Energy Park	Mitsubishi 501F Combined cycle turbines (280 MW)	9/21/2004	1.0000 ppm @ 15% O ₂	1.0 ppm VOC limit applies to operation without duct burner. VOC limit is 3.0 ppm with duct burner.
NM-0044 (final)	Clovis Energy Facility	PG 7241 (FA) natural gas turbines (170 MW) and duct burners (64 MW)	1/12/2004	1.4000 ppm @ 15% O ₂	1.4 ppm VOC limit applies to operation without burner. VOC limit is 12 ppm with duct burner.
PA-0189 (final)	Conectiv Bethlehem, Inc.	Siemens Westinghouse V84.2 combustion turbines (122MW), HRSGs and steam turbine generator	1/27/2004	1.2000 ppm @15% O ₂	The project operates without a duct burner.

Note:

Information was from the contact agencies listed in the EPA RBLC

Attachment A-5

Summary of EPA RBLC for Combined-Cycle Gas Turbines - CO



Technology Transfer Network Clean Air Technology Center - RACT/BACT/LAER Clearinghouse

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Your search has found **321** facilities that match your search criteria. You can view details for one or more facilities by clicking on the highlighted RBLC identifier or the process description in the list below. To create a report, select one of the standard output formats from the [list of reports](#) at the bottom of this page. Only facilities that are checked in the table below will be included in your report. Click on the check box next to any facility to switch between checked and unchecked or use the "Check" or "Un-Check" all facilities buttons at the top of the list to check or uncheck all records in the list.

Search Criteria

Pollutant: Carbon Monoxide
 Process Category: Large Combustion Turbines (> 25 MW)
 Process Type: 15.210
 Process Name: Natural Gas (includes propane & liquified petroleum gas)
 Permit Date Between 05/06/1998 And 05/06/2008

Check

Un-Check

ALL Facilities

RBLCID	PERMIT DATE	CORPORATE/COMPANY NAME & FACILITY NAME	STANDARD EMISSION LIMIT
<input checked="" type="checkbox"/> * CT-0151	02/25/2008	KLEEN ENERGY SYSTEMS, LLC KLEEN ENERGY SYSTEMS, LLC	0.9000 PPMVD @ 15 % O2
<input checked="" type="checkbox"/> VA-0291	07/30/2004	CPV WARREN LLC CPV WARREN LLC	1.3000 PPM @ 15% O2
<input checked="" type="checkbox"/> VA-0291	07/30/2004	CPV WARREN LLC CPV WARREN LLC	1.8000 PPM @ 15% O2
<input checked="" type="checkbox"/> WA-0302	02/23/2001	GOLDENDALE ENERGY, INC. GOLDENDALE ENERGY PROJECT	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> ID-0010	10/19/2001	GARNET ENERGY LLC MIDDLETON FACILITY	2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/> WA-0291	01/03/2003	WALLULA GENERATION, LLC	2.0000 PPM @ 15%

<input checked="" type="checkbox"/>	OH-0248	09/24/2002	WALLULA POWER PLANT CALPINE CORPORATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	NJ-0058	08/24/2001	LAWRENCE ENERGY PSEG FOSSILL LLC LINDEN GENERATING STATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	NJ-0059	05/09/2001	PSEG FOSSIL LLC LINDEN GENERATING STATION LINDEN COGENERATION TECHNOLOGY	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	OR-0039	12/30/2003	COGEN TECHNOLOGIES LINDEN VENTURE, L.P Peoples Energy Resources	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MA-0027	05/07/2000	COB ENERGY FACILITY, LLC CABOT POWER CORPORATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	NJ-0043	03/28/2002	CABOT POWER CORPORATION LIBERTY GENERATING STATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	CA-1096	05/27/2003	LIBERTY GENERATING STATION VERNON CITY LIGHT & POWER	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	* OR-0041	08/08/2005	VERNON CITY LIGHT & POWER DIAMOND WANAPA I, L.P.	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MA-0029	09/29/1999	WANAPA ENERGY CENTER SITHE MYSTIC DEVELOPMENT LLC	O2 2.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NV-0034	11/13/2000	SITHE MYSTIC DEVELOPMENT LLC LAS VEGAS COGENERATION, LP	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	GA-0102	01/15/2002	LAS VEGAS COGENERATION FACILITY OGLETHORPE POWER CORPORATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MI-0366	04/13/2005	WANSLEY COMBINED CYCLE ENERGY FACILITY BERRIEN ENERGY, LLC	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	WA-0288	09/04/2001	BERRIEN ENERGY, LLC LONGVIEW ENERGY DEVELOPMENT	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	CA-1097	05/27/2003	LONGVIEW ENERGY DEVELOPMENT MAGNOLIA POWER PROJECT, SCPPA	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	GA-0093	10/28/2001	MAGNOLIA POWER PROJECT, SCPPA AUGUSTA ENERGY CENTER	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	AZ-0043	11/12/2003	AUGUSTA ENERGY CENTER DUKE ENERGY ARLINGTON VALLEY	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	WA-0299	09/06/2002	DUKE ENERGY ARLINGTON VALLEY (AVEFII) SUMAS ENERGY 2, INC.	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	NJ-0043	03/28/2002	SUMAS ENERGY 2 GENERATION FACILITY LIBERTY GENERATING STATION	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	GA-0105	04/17/2003	LIBERTY GENERATING STATION SAVANNAH ELECTRIC AND POWER CO	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	CA-1050	09/11/2000	MCINTOSH COMBINED CYCLE FACILITY IDC BELLINGHAM, LLC	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	WA-0315	04/17/2003	IDC BELLINGHAM, LLC SUMAS ENERGY 2 GENERATION FACILITY	O2 2.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MS-0051	11/13/2001	SUMAS ENERGY 2 GENERATION FACILITY LSP LIMITED PARTNERSHIP, BATESVILLE GENERATION	O2 2.5000 %PPM @ 15%
<input checked="" type="checkbox"/>	* VA-0304	06/05/2007	LSP- BATESVILLE GENERATION FACILITY CPV WARREN	O2 2.5000 PPMVD
<input checked="" type="checkbox"/>	PA-0189	01/16/2002	CPV WARREN CONECTIV BETHLEHEM, INC	O2 2.5000 PPM @ 15%
			CONECTIV BETHLEHEM, INC.	O2

<input checked="" type="checkbox"/>	AZ-0037	02/23/2001	TPS Arizona Operations, PANDA GILA RIVER PANDA GILA RIVER	<u>2.8000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0188	03/28/2002	FAIRLESS ENERGY LLC FAIRLESS ENERGY LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MI-0244	02/08/1999	WYANDOTTE ENERGY WYANDOTTE ENERGY	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	PA-0196	08/07/2001	SWEC-FALLS TOWNSHIP SWEC-FALLS TOWNSHIP	<u>3.0000 PPM@15% O2</u>
<input checked="" type="checkbox"/>	* WA-0292	10/23/2001	GRAYS HARBOR ENERGY LLC SATSOP COMBUSTION TURBINE PROJECT	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	UT-0066	05/17/2004	PACIFICORP CURRANT CREEK	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0037	05/14/2004	SEMPRA ENERGY RESOURCES COPPER MOUNTAIN POWER	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0049	09/04/2003	ALLEGHENY ENERGY SUPPLY LLC LA PAZ GENERATING FACILITY	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	CO-0056	05/02/2006	CALPINE CORP. ROCKY MOUNTAIN ENERGY CENTER, LLC	<u>3.0000 PPM @ 15 O2</u>
<input checked="" type="checkbox"/>	AZ-0043	11/12/2003	DUKE ENERGY ARLINGTON VALLEY DUKE ENERGY ARLINGTON VALLEY (AVEFII)	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MD-0033	09/27/2001	FREE STATE ELECTRIC, LLC KELSON RIDGE	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0047	12/01/2004	DOME VALLEY ENERGY PARTNERS WELLTON MOHAWK GENERATING STATION	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	AZ-0047	12/01/2004	DOME VALLEY ENERGY PARTNERS WELLTON MOHAWK GENERATING STATION	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MI-0267	06/07/2001	RENAISSANCE POWER LLC RENAISSANCE POWER LLC	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0025	08/04/1999	ANP BELLINGHAM ENERGY COMPANY ANP BELLINGHAM ENERGY COMPANY	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MA-0024	04/16/1999	ANP BLACKSTONE ENERGY COMPANY ANP BLACKSTONE ENERGY COMPANY	<u>3.0000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NJ-0044	06/26/2001	MANTUA CREEK GENERATING FACILITY MANTUA CREEK GENERATING FACILITY	<u>3.1000 PPMVD @ 15% O2</u>
<input checked="" type="checkbox"/>	VA-0261	09/06/2002	COMPETITIVE POWER VENTURE CPV CUNNINGHAM CREEK	<u>3.1000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0033	08/19/2004	EL DORADO ENERGY, LLC EL DORADO ENERGY, LLC	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0035	08/16/2005	SIERRA PACIFIC POWER COMPANY TRACY SUBSTATION EXPANSION PROJECT	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	NV-0035	08/16/2005	SIERRA PACIFIC POWER COMPANY TRACY SUBSTATION EXPANSION PROJECT	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	FL-0252	08/15/2001	FORT PIERCE REPOWERING PROJECT, LLC FORT PIERCE REPOWERING	<u>3.5000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MI-0302	07/25/2001	MIRANT WYANDOTTE LLC MIRANT WYANDOTTE LLC	<u>3.6000 PPM @ 15% O2</u>
<input checked="" type="checkbox"/>	MI-0365	01/28/2003	MIRANT WYANDOTTE LLC MIRANT WYANDOTTE LLC	<u>3.8000 PPM @ 15% O2</u>
	AZ-0041	03/14/2001	KYRENE GENERATING STATION	<u>3.9000 PPM @ 15%</u>

<input checked="" type="checkbox"/>			KYRENE GENERATING STATION, SALT RIVER PROJECT	O2
<input checked="" type="checkbox"/>	AZ-0033	03/22/2001	MESQUITE POWER LLC MESQUITE GENERATING STATION	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MI-0361	01/30/2003	SOUTH SHORE POWER LLC SOUTH SHORE POWER LLC	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	AZ-0038	05/15/2002	GILA BEND POWER GENERATING STATION GILA BEND POWER GENERATING STATION	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MN-0054	12/04/2003		4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NV-0038	12/29/2003	MANKATO ENERGY CENTER IVANPAH ENERGY CENTER, L.P. IVANPAH ENERGY CENTER, L.P.	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* LA-0192	06/06/2005	CRESENT CITY POWER, LLC CRESCENT CITY POWER	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	WI-0174	09/20/2000	BADGER GENERATING CO LLC BADGER GENERATING CO LLC	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	CA-0997	09/01/2003	SACRAMENTO MUNICIPAL UTILITY DISTRICT SACRAMENTO MUNICIPAL UTILITY DISTRICT	4.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MN-0054	12/04/2003		4.8000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OR-0035	01/16/2002	MANKATO ENERGY CENTER PORTLAND GENERAL ELECTRIC COMPANY PORT WESTWARD PLANT	4.9000 PPM @ 15% O2
<input checked="" type="checkbox"/>	PA-0223	01/30/2002	DUKE ENERGY FAYETTE, LLC DUKE ENERGY FAYETTE, LLC	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OR-0040	03/12/2003	KLAMATH GENERATION, LLC KLAMATH GENERATION, LLC	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	ID-0012	10/19/2001	GARNET ENERGY LLC GARNET ENERGY, MIDDLETON FACILITY	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0263	08/09/2001	CALPINE CORPORATION FREMONT ENERGY CENTER, LLC	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0302	10/02/1998	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP MIDLOTHIAN ENERGY PROJECT	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0409	06/08/1999	HAYS ENERGY PROJECT HAYS ENERGY PROJECT	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MI-0357	02/04/2003	KALKASKA GENERATING LLC KALKASKA GENERATING, INC	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0372	07/28/2000	WEST TEXAS ENERGY LIMITED PARTNERSHIP WEST TEXAS ENERGY FACILITY	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0325	05/09/2000	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP MIDLOTHIAN ENERGY PROJECT	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0325	05/09/2000	MIDLOTHIAN ENERGY LIMITED PARTNERSHIP MIDLOTHIAN ENERGY PROJECT	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0248	03/06/2000	CHAMBERS ENERGY L.P./AMERICAN NATIONAL POWER CHAMBERS ENERGY L.P./AMERICAN NATIONAL POWER	5.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	MT-0019	06/07/2002	CONTINENTAL ENERGY SERVICES, INC. CONTINENTAL ENERGY SERVICES, INC., SILVER BOW GEN	5.2700 PPM @ 15% O2
<input checked="" type="checkbox"/>	MT-0019	06/07/2002	CONTINENTAL ENERGY SERVICES, INC. CONTINENTAL ENERGY SERVICES, INC., SILVER BOW GEN	5.2700 PPM @ 15% O2
<input checked="" type="checkbox"/>	IA-0058	04/10/2002	MIDAMERICAN ENERGY	5.4000 PPM @ 15%

<input checked="" type="checkbox"/>	CA-0949	05/22/2001	GREATER DES MOINES ENERGY CENTER MOUNTAINVIEW POWER	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	PA-0192	10/20/2001	MOUNTAINVIEW POWER LOWER MOUNT BETHEL ENERGY, LLC	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	IN-0110	10/05/2001	LOWER MOUNT BETHEL ENERGY, LLC COGENTRIX LAWRENCE CO., LLC	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	OH-0252	12/28/2004	COGENTRIX LAWRENCE CO., LLC DUKE ENERGY HANGING ROCK, LLC	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	CA-0950	01/11/2000	DUKE ENERGY HANGING ROCK ENERGY FACILITY VALERO ENERGY CORPORATION	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	AZ-0040	05/26/2000	VALERO REFINING COMPANY Arizona Public Service	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	IN-0085	06/07/2001	APS WEST PHOENIX PSEG LAWRENCEBURG ENERGY FACILITY	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	IN-0095	12/07/2001	PSEG LAWRENCEBURG ENERGY FACILITY ALLEGHENY ENERGY SUPPLY CO. LLC (ACADIA BAY ENERGY	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	AZ-0040	05/26/2000	ALLEGHENY ENERGY SUPPLY CO. LLC Arizona Public Service	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	OH-0265	10/16/2001	APS WEST PHOENIX Dresden Energy	6.0000 PPM @ 15%
<input checked="" type="checkbox"/>	TX-0406	11/19/1999	DRESDEN ENERGY LLC EASTEX COGENERATION LIMITED PARTNERSHIP	7.0000 PPM @ 15%
<input checked="" type="checkbox"/>	AR-0041	08/08/2000	EASTEX COGENERATION STATION TPS - DELL, LLC.	7.0000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0245	04/15/2003	TPS - DELL, LLC FLORIDA POWER & LIGHT	7.4000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0225	08/17/2001	FPL MANATEE PLANT - UNIT 3 EL PASO MERCHANT ENERGY COMPANY	7.4000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0227	09/07/2001	EL PASO BROWARD ENERGY CENTER EL PASO MERCHANT ENERGY CENTER	7.4000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0226	09/11/2001	EL PASO BELLE GLADE ENERGY CENTER EL PASO MERCHANT ENERGY CENTER	7.4000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0263	02/08/2005	EL PASO MANATEE ENERGY CENTER FLORIDA POWER AND LIGHT	7.6000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0247	01/08/2002	FPL TURKEY POINT POWER PLANT TAMPA ELECTRIC COMPANY	7.8000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0246	03/30/2001	TECO BAYSIDE POWER STATION TAMPA ELECTRIC COMPANY	7.8000 PPM @ 15%
<input checked="" type="checkbox"/>	OK-0050	01/21/2000	TECO BAYSIDE POWER STATION CALPINE CORP	7.8000 PPM @ 15%
<input checked="" type="checkbox"/>	FL-0240	08/07/2001	ONETA GENERATING STA COMPETITIVE POWER VENTURES PIERCE, LTD.	8.0000 PPM @ 15%
<input checked="" type="checkbox"/>	MI-0363	01/07/2003	CPV PIERCE BLUEWATER ENERGY CENTER LLC	8.0000 PPM @ 15%
<input checked="" type="checkbox"/>	VA-0260	11/21/2002	BLUEWATER ENERGY CENTER LLC Cogentrix Energy Inc	8.0000 PPM @ 15%
<input checked="" type="checkbox"/>	VA-0260	11/21/2002	HENRY COUNTY POWER Cogentrix Energy Inc	8.0000 PPM @ 15%
<input checked="" type="checkbox"/>			HENRY COUNTY POWER	8.0000 PPM @ 15%

✓	FL-0265	06/08/2005	PROGRESS ENERGY HINES POWER BLOCK 4	8.0000 PPM @ 15% O2
✓	FL-0241	01/17/2002	COMPETIVE POWER VENTURES CANA LTD. CPV CANA	8.0000 PPM @ 15% O2
✓	WV-0014	12/18/2001	PANDA CULLODEN POWER, L.P. PANDA CULLODEN GENERATING STATION	8.2000 PPM @ 15% O2
✓	AR-0070	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	8.2000 PPM @ 15% O2
✓	OK-0070	06/13/2002	GENOVA OKLAHOMA LLC GENOVA OK I POWER PROJECT	8.2000 PPM @ 15% O2
✓	GA-0094	12/27/2001	EFFINGHAM COUNTY POWER, LLC EFFINGHAM COUNTY POWER, LLC	9.0000 PPM @ 15% O2
✓	TX-0324	11/18/1999	ODESSA-ECTOR POWER PARTNER ODESSA-ECTOR GENERATING STATION	9.0000 PPM @ 15% O2
✓	NC-0094	01/09/2002	GENPOWER EARLEYS, LLC GENPOWER EARLEYS, LLC	9.0000 PPM @ 15% O2
✓	NC-0082	12/21/2000	CAROLINA POWER AND LIGHT - RICHMOND CAROLINA POWER AND LIGHT - RICHMOND CO. FACILITY	9.0000 PPM @ 15% O2
✓	NC-0086	01/10/2002	FAYETTEVILLE GENERATION, LLC FAYETTEVILLE GENERATION, LLC	9.0000 PPM @ 15% O2
✓	IN-0114	07/24/2002	MIRANT SUGAR CREEK LLC MIRANT SUGAR CREEK LLC	9.0000 PPM @ 15% O2
✓	IN-0110	10/05/2001	COGENTRIX LAWRENCE CO., LLC COGENTRIX LAWRENCE CO., LLC	9.0000 PPM @ 15% O2
✓	NC-0085	03/14/2001	CAROLINA POWER AND LIGHT CP&L ROWAN CO TURBINE FACILITY	9.0000 PPM @ 15% O2
✓	VA-0287	12/01/2003	JAMES CITY ENERGY PARK LLC JAMES CITY ENERGY PARK	9.0000 PPM @ 15% O2
✓	VA-0289	02/05/2004	DUKE ENERGY WYTHE, LLC DUKE ENERGY WYTHE, LLC	9.0000 PPM @ 15% O2
✓	IN-0086	05/09/2001	MIRANT SUGAR CREEK, LLC MIRANT SUGAR CREEK, LLC	9.0000 PPM @ 15% O2
✓	FL-0219	05/03/2001	CPV ATLANTIC, LTD CPV ATLANTIC POWER GENERATING FACILITY	9.0000 PPM @ 15% O2
✓	CO-0052	08/11/2002	ROCKY MOUNTAIN ENERGY CENTER, LLC. ROCKY MOUNTAIN ENERGY CENTER, LLC.	9.0000 PPM @ 15% O2
✓	IN-0087	06/06/2001	DUKE ENERGY, VIGO LLC DUKE ENERGY, VIGO LLC	9.0000 PPM @ 15% O2
✓	FL-0223	11/04/1999	LAKE WORTH GENERATION, LLC LAKE WORTH GENERATION, LLC	9.0000 PPM @ 15% O2
✓	SC-0066	04/03/2000	SANTEE COOPER RAINEY GENERATION STATION SANTEE COOPER RAINEY GENERATION STATION	9.0000 PPM @ 15% O2
✓	TX-0262	01/03/2000	ARCHER POWER PARTNERS, L.P. ARCHER GENERATING STATION	9.0000 PPM @ 15% O2
✓	TX-0262	01/03/2000	ARCHER POWER PARTNERS, L.P. ARCHER GENERATING STATION	9.0000 PPM @ 15% O2
✓	VA-0255	11/18/2002	Virginia Power VA POWER - POSSUM POINT	9.0000 PPM @ 15% O2
	OH-0257	12/27/2001	JACKSON COUNTY POWER, LLC	9.0000 PPM @ 15%

<input checked="" type="checkbox"/>			JACKSON COUNTY POWER, LLC	O2
<input checked="" type="checkbox"/>	<u>TX-0296</u>	07/14/2000	WISE COUNTY POWER COMPANY LLC WISE COUNTY POWER	9.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* <u>OH-0255</u>	03/29/2001	AMERICAN ELECTRIC POWER AEP WATERFORD ENERGY LLC	9.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OH-0252</u>	12/28/2004	DUKE ENERGY HANGING ROCK, LLC DUKE ENERGY HANGING ROCK ENERGY FACILITY	9.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>FL-0256</u>	09/08/2003	PROGRESS ENERGY FLORIDA HINES ENERGY COMPLEX, POWER BLOCK 3	10.0000 PPMVD @15% O2
<input checked="" type="checkbox"/>	<u>OK-0090</u>	03/21/2003	DUKE ENERGY DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* <u>PA-0226</u>	04/09/2002	LIMERICK PARTNERS, LLC LIMERICK POWER STATION	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>MN-0053</u>	07/15/2004	MN MUNICIPAL POWER AGENCY FAIRBAULT ENERGY PARK	10.0000 PPMVD @ 15% O2
<input checked="" type="checkbox"/>	<u>NC-0095</u>	05/28/2002	MIRANT GASTONIA LLC MIRANT GASTONIA POWER FACILITY	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>AZ-0034</u>	02/15/2001	HARQUAHALA GENERATING CO. HARQUAHALA GENERATING PROJECT	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OH-0254</u>	08/14/2003	DUKE ENERGY NORTH AMERICA DUKE ENERGY WASHINGTON COUNTY LLC	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0406</u>	11/19/1999	EASTEX COGENERATION LIMITED PARTNERSHIP EASTEX COGENERATION STATION	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* <u>MO-0049</u>	08/19/1999	KANSAS CITY POWER & LIGHT CO. - HAWTHORN STATION	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>PA-0160</u>	10/10/2000	CALPINE CONSTRUCTION FINANCE CO., LP CALPINE CONSTRUCTION FINANCE CO., LP	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>NM-0044</u>	06/27/2002	DUKE ENERGY CURRY LLC CLOVIS ENERGY FACILITY	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>PA-0179</u>	08/07/2001	SWEC LLC SWEC LLC	10.0000 PPM@15% O2
<input checked="" type="checkbox"/>	<u>TX-0234</u>	01/08/2002	EDINBURG ENERGY LIMITED PARTNERSHIP EDINBURG ENERGY LIMITED PARTNERSHIP	10.0000 PPM @15% O2
<input checked="" type="checkbox"/>	<u>PA-0184</u>	10/10/2000	CALPINE CONSTRUCTION FINANCE CO. CALPINE BERKS ONTELAUNEE POWER PLANT	10.0000 PPM @15% O2
<input checked="" type="checkbox"/>	<u>AR-0052</u>	02/15/2002	ARKANSAS ELECTRIC CO-OP THOMAS B. FITZHUGH GENERATING STATION	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>OH-0248</u>	09/24/2002	CALPINE CORPORATION LAWRENCE ENERGY	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>FL-0244</u>	04/16/2003	FLORIDA POWER & LIGHT FPL MARTIN PLANT	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>MN-0066</u>	05/16/2006	NORTHERN STATES POWER CO. DBA XCEL ENERGY NORTHERN STATES POWER CO. DBA XCEL ENERGY - RIVERSIDE PLANT	10.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* <u>LA-0224</u>	03/20/2008	SOUTHWEST ELECTRIC POWER COMPANY (SWEPKO) ARSENAL HILL POWER PLANT	10.0000 PPMVD@15% O2
<input checked="" type="checkbox"/>	<u>OK-0070</u>	06/13/2002	GENOVA OKLAHOMA LLC GENOVA OK I POWER PROJECT	10.2000 PPM @ 15% O2

✓	<u>AR-0070</u>	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	10.2000 PPM @ 15% O2
✓	<u>VA-0262</u>	12/06/2002	MIRANT DANVILLE, LLC MIRANT AIRSIDE INDUSTRIAL PARK	10.3000 PPM @ 15% O2
✓	<u>OH-0264</u>	05/23/2002	NORTON ENERGY NORTON ENERGY STORAGE, LLC	11.0000 PPM @ 15% O2
✓	<u>OK-0044</u>	08/16/2001	SMITH COGENERATION OK INC SMITH POCOLA ENERGY PROJECT	11.5000 PPM @ 15% O2
✓	<u>NC-0101</u>	09/29/2005	FORSYTH ENERGY PROJECTS, LLC FORSYTH ENERGY PLANT	11.6000 PPM @ 15% O2
✓	<u>MS-0064</u>	08/16/2000	TPS MCADAMS, LLC TPS MCADAMS, LLC	11.8000 PPM @ 15% O2
✓	<u>VA-0287</u>	12/01/2003	JAMES CITY ENERGY PARK LLC JAMES CITY ENERGY PARK	12.0000 PPM @ 15% O2
✓	<u>MI-0362</u>	04/21/2003	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP MIDLAND COGENERATION (MCV)	12.0000 PPM @ 15% O2
✓	<u>GA-0101</u>	10/23/2002	DUKE ENERGY MURRAY LLC MURRAY ENERGY FACILITY	12.0000 PPM @ 15% O2
✓	<u>MI-0362</u>	04/21/2003	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP MIDLAND COGENERATION (MCV)	12.0000 PPM @ 15% O2
✓	<u>OK-0029</u>	10/18/1999	PUBLIC SVC CO OF OK PSO NORTHEASTERN POWER STA	12.0000 PPM @ 15% O2
✓	<u>SC-0062</u>	09/22/2000	SC ELECTRIC AND GAS COMPANY - URQUHART STATION SC ELECTRIC AND GAS COMPANY - URQUHART STATION	12.0000 PPM @ 15% O2
✓	<u>FL-0124</u>	11/22/1999	OLEANDER POWER PROJECT OLEANDER POWER PROJECT	12.0000 PPM @ 15% O2
✓	<u>FL-0122</u>	11/24/1999	Kissimee Utilities Authority (KUA) CANE ISLAND POWER PARK /KUA - UNIT 3	12.0000 PPM @ 15% O2
✓	<u>AR-0047</u>	11/09/2001	HOT SPRINGS POWER PROJECT HOT SPRINGS POWER PROJECT	12.0000 PPM @ 15% O2
✓	<u>FL-0123</u>	10/15/1999	DUKE ENERGY NEW SMYRNA BEACH POWER CO. LP DUKE ENERGY NEW SMYRNA BEACH POWER CO. LP	12.0000 PPM @ 15% O2
✓	* <u>NJ-0036</u>	10/24/2001	AES RED OAK LLC AES RED OAK LLC	12.2000 PPM @ 15% O2
✓	<u>FL-0239</u>	03/27/2002	JACKSONVILLE ELECTRIC AUTHORITY (JEA) JEA/BRANDY BRANCH	12.2100 PPM @ 15% O2
✓	<u>PA-0190</u>	05/03/2000	LIBERTY ELECTRIC POWER, LLC LIBERTY ELECTRIC POWER, LLC	12.9000 PPM @ 15% O2
✓	<u>TX-0305</u>	10/28/1998	PANDA PARIS LLC PARIS GENERATING STATION	13.0000 PPM @ 15% O2
✓	<u>AR-0026</u>	05/05/1999	PINE BLUFF ENERGY LLC - PINE BLUFF ENERGY CENTER PINE BLUFF ENERGY LLC - PINE BLUFF ENERGY CENTER	13.3000 PPM @ 15% O2
✓	<u>AR-0043</u>	02/27/2001	PINE BLUFF ENERGY LLC PINE BLUFF ENERGY LLC	13.4000 PPM @ 15% O2
✓	<u>OH-0265</u>	10/16/2001	Dresden Energy DRESDEN ENERGY LLC	13.5000 PPM @ 15% O2
✓	<u>TX-0383</u>	03/06/2000	COBISA-FORNEY LIMITED PARTNERSHIP FORNEY PLANT	13.7000 PPM @ 15% O2
	<u>MS-0055</u>	06/24/2002	EL PASO MERCHANT ENERGY CO.	13.8000 PPM @ 15%

<input checked="" type="checkbox"/>			EL PASO MERCHANT ENERGY CO.	O2
<input checked="" type="checkbox"/>	PA-0187	03/21/2001	GRAYS FERRY COGEN PARTNERSHIP	14.0000 PPM @ 15%
			GRAYS FERRY COGEN PARTNERSHIP	O2
<input checked="" type="checkbox"/>	AZ-0036	12/02/2000	PINNACLE WEST ENERGY CORP.	14.0000 PPM @ 15%
			PINNACLE WEST ENERGY CORP./REDHAWK GEN. FACILITY	O2
<input checked="" type="checkbox"/>	NC-0094	01/09/2002	GENPOWER EARLEYS, LLC	14.0000 PPM @ 15%
			GENPOWER EARLEYS, LLC	O2
<input checked="" type="checkbox"/>	IN-0114	07/24/2002	MIRANT SUGAR CREEK LLC	14.0000 PPM @ 15%
			MIRANT SUGAR CREEK LLC	O2
<input checked="" type="checkbox"/>	OH-0254	08/14/2003	DUKE ENERGY NORTH AMERICA	14.0000 PPM @ 15%
			DUKE ENERGY WASHINGTON COUNTY LLC	O2
<input checked="" type="checkbox"/>	PA-0197	06/15/2001	RELIANT ENERGY HUNTERSTOWN, LLC	14.0000 PPM @ 15%
			RELIANT ENERGY HUNTERSTOWN, LLC	O2
<input checked="" type="checkbox"/>	TX-0370	12/03/1999	RIO NOGALES POWER PROJECT	14.4000 PPM @ 15%
			RIO NOGALES POWER PROJECT	O2
<input checked="" type="checkbox"/>	VA-0289	02/05/2004	DUKE ENERGY WYTHE, LLC	14.6000 PPM @ 15%
			DUKE ENERGY WYTHE, LLC	O2
<input checked="" type="checkbox"/>	TX-0437	07/05/2002	HARTBURG POWER, LP	15.0000 PPM @ 15%
			HARTBURG POWER, LP	O2
<input checked="" type="checkbox"/>	TX-0419	03/22/2000	CALPINE CONSTRUCTION FINANCE CO., LP	15.0000 PPM @ 15%
			CHANNEL ENERGY FACILITY	O2
<input checked="" type="checkbox"/>	AL-0180	12/11/2001	DUKE ENERGY DALE, LLC	15.0000 PPM @ 15%
			DUKE ENERGY DALE, LLC	O2
<input checked="" type="checkbox"/>	FL-0223	11/04/1999	LAKE WORTH GENERATION, LLC	15.0000 PPM @ 15%
			LAKE WORTH GENERATION, LLC	O2
<input checked="" type="checkbox"/>	AL-0188	02/16/2001	TENASKA ALABAMA II PARTNERS	15.0000 PPM @ 15%
			TENASKA ALABAMA II GENERATING STATION	O2
<input checked="" type="checkbox"/>	AL-0181	10/23/2001	DUKE ENERGY AUTAUGA, LLC	15.0000 PPM @ 15%
			DUKE ENERGY AUTAUGA, LLC	O2
<input checked="" type="checkbox"/>	NH-0011	04/26/1999	AES LONDONDERRY, LLC	15.0000 PPM @ 15%
			AES LONDONDERRY, LLC	O2
<input checked="" type="checkbox"/>	OK-0045	08/15/2001	REDBUD ENERGY LP	15.0000 PPM @ 15%
			REDBUD POWER PLT	O2
<input checked="" type="checkbox"/>	NH-0012	04/26/1999	NEWINGTON ENERGY LLC	15.0000 PPM @ 15%
			NEWINGTON ENERGY LLC	O2
<input checked="" type="checkbox"/>	MI-0303	07/26/2001	MIDLAND COGENERATION VENTURE	15.0000 PPM @ 15%
			MIDLAND COGENERATION	O2
<input checked="" type="checkbox"/>	OR-0034	04/13/1999	HERMISTON POWER COMPANY & TCPL HERMISTON, LTD	15.0000 PPM @ 15%
			HERMISTON POWER PARTNERSHIP	O2
<input checked="" type="checkbox"/>	TX-0260	12/13/2000	LG & E POWER, INC.	15.0000 PPM @ 15%
			PALESTINE ENERGY FACILITY	O2
<input checked="" type="checkbox"/>	OR-0032	10/13/1998	PORTLAND GENERAL ELECTRIC	15.0000 PPM @ 15%
			COYOTE SPRINGS PLANT	O2
<input checked="" type="checkbox"/>	* OH-0255	03/29/2001	AMERICAN ELECTRIC POWER	15.0000 PPM @ 15%
			AEP WATERFORD ENERGY LLC	O2
<input checked="" type="checkbox"/>	AZ-0044	09/10/1999	SALT RIVER PROJECT	15.3000 PPM @ 15%
			SALT RIVER PROJECT/ DESERT BASIN GENERATING PRJ	O2
<input checked="" type="checkbox"/>	OK-0046	05/17/2001	THUNDERBIRD GENERATION LLC	15.4000 PPM @ 15%

<input checked="" type="checkbox"/>	RI-0019	05/03/2000	THUNDERBIRD POWER PLT FPLE RHODE ISLAND STATE ENERGY, L.P.	15.9000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	TX-0311	02/15/1999	RHODE ISLAND STATE ENERGY CENTER PANDA GUADALUPE POWER LP	16.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	FL-0216	06/04/2001	GUADALUPE GENERATING STATION PROGRESS ENERGY FLORIDA	16.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	TX-0294	03/20/2000	HINES ENERGY COMPLEX, POWER BLOCK 2 GATEWAY POWER PROJECT LP	16.3000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	IN-0092	07/20/2000	GATEWAY POWER PROJECT WHITING CLEAN ENERGY, INC.	16.4000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	TN-0156	04/09/2001	WHITING CLEAN ENERGY, INC. MEMPHIS GENERATION, LLC	16.6000 PPM @ 15 %	O2
<input checked="" type="checkbox"/>	TX-0352	12/31/2002	MEMPHIS GENERATION, LLC BRAZOS VALLEY ENERGY LP	17.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	TX-0352	12/31/2002	BRAZOS VALLEY ELECTRIC GENERATING FACILITY BRAZOS VALLEY ENERGY LP	17.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	FL-0233	09/21/2001	BRAZOS VALLEY ELECTRIC GENERATING FACILITY ORLANDO UTILITIES COMMISSION (OUC)	17.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	OH-0264	05/23/2002	OUC STANTON ENERGY CENTER NORTON ENERGY	17.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	OK-0096	06/03/2003	NORTON ENERGY STORAGE, LLC REDBUD ENERGY LP	17.2000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MS-0044	03/27/2001	REDBUD POWER PLANT CALEDONIA POWER LLC	17.4000 PPM @15%	O2
<input checked="" type="checkbox"/>	OK-0051	10/01/1999	CALEDONIA POWER LLC COGENTRIX ENERGY INC	17.4000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	SC-0061	04/09/2001	GREEN COUNTRY ENERGY PROJECT COLUMBIA ENERGY LLC	17.4000 PPM @15%	O2
<input checked="" type="checkbox"/>	SC-0071	04/09/2001	COLUMBIA ENERGY LLC COLUMBIA ENERGY CENTER	17.4000 PPM @ 15 %	O2
<input checked="" type="checkbox"/>	TX-0388	02/12/2002	COLUMBIA ENERGY CENTER I-26 & US HWY 21 SOUTH AUSTIN ELECTRIC UTILITY	17.5000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	SAND HILL ENERGY CENTER RELIANT ENERGY CHOCTAW COUNTY, LLC	18.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MN-0043	11/17/2000	XCEL ENERGY, BLACK DOG ELECTRIC GENERATING STATION XCEL ENERGY, BLACK DOG ELECTRIC GENERATING STATION	18.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MN-0048	01/12/2001	NORTHERN STATES POWER COMPANY/XCEL ENERGY BLACK DOG GENERATING PLANT	18.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MN-0060	08/12/2005	NORTHERN STATES POWER CO. DBA XCEL ENERGY HIGH BRIDGE GENERATING PLANT	18.0000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	RELIANT ENERGY CHOCTAW COUNTY, LLC	18.3600 PPM @ 15%	O2
<input checked="" type="checkbox"/>	MS-0073	11/23/2004	RELIANT ENERGY CHOCTAW COUNTY, LLC	18.3600 PPM @ 15%	O2
<input checked="" type="checkbox"/>	TX-0305	10/28/1998	RELIANT ENERGY CHOCTAW COUNTY, LLC PANDA PARIS LLC	18.4000 PPM @ 15%	O2
<input checked="" type="checkbox"/>	* PA-0186	05/04/2001	PARIS GENERATING STATION FLORIDA POWER & LIGHT	18.9000 PPM @ 15%	O2
			FPL ENERGY MARCUS HOOK, L.P.		O2

✓	LA-0147	12/02/1999	PPG INDUSTRIES PPG INDUSTRIES	19.0000 PPM @ 15% O2
✓	VA-0255	11/18/2002	Virginia Power VA POWER - POSSUM POINT	19.3000 PPM @ 15% O2
✓	AR-0057	10/09/2001	TENASKA ARKANSAS PARTNERS, LP TENASKA ARKANSAS PARTNERS, LP	19.7000 PPM @ 15% O2
✓	AZ-0035	12/14/2000	DUKE ENERGY ARLINGTON VALLEY DUKE ENERGY ARLINGTON VALLEY	20.0000 PPM @ 15% O2
✓	NC-0095	05/28/2002	MIRANT GASTONIA LLC MIRANT GASTONIA POWER FACILITY	20.0000 PPM @ 15% O2
✓	TX-0350	01/31/2002	ENNIS-TRACTEBEL II LP ENNIS TRACTEBEL POWER	20.0000 PPM @ 15% O2
✓	TX-0308	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	20.0000 PPM @ 15% O2
✓	FL-0122	11/24/1999	Kissimee Utilities Authority (KUA) CANE ISLAND POWER PARK /KUA - UNIT 3	20.0000 PPM @ 15% O2
✓	FL-0186	02/24/2000	CITY OF GAINESVILLE CITY OF GAINESVILLE REGIONAL UTILITIES	20.0000 PPM @ 15% O2
✓	AL-0185	07/12/2002	BARTON SHOALS ENERGY, LLC BARTON SHOALS ENERGY	20.0000 PPM @ 15% O2
✓	OK-0041	01/19/2000	NRG MCCLAIN LLC MCCLAIN ENERGY FACILITY	20.0000 PPM @ 15% O2
✓	TX-0330	03/14/2000	DUKE ENERGY JACK LP JACK COUNTY POWER PLANT	20.0000 PPM @ 15% O2
✓	TX-0299	01/31/2000	DUKE ENERGY KAUFMAN LP KAUFMAN COGEN LP	20.0000 PPM @ 15% O2
✓	TX-0291	05/07/1999	TENASKA GATEWAY PARTNERS LTD TENASKA GATEWAY GENERATING STATION	20.2000 PPM @ 15% O2
✓	TX-0407	12/06/2002	STEAG POWER LLC STERNE ELECTRIC GENERATING FACILITY	20.2000 PPMVD @ 15% O2
✓	TX-0291	05/07/1999	TENASKA GATEWAY PARTNERS LTD TENASKA GATEWAY GENERATING STATION	20.2000 PPM @ 15% O2
✓	TX-0291	05/07/1999	TENASKA GATEWAY PARTNERS LTD TENASKA GATEWAY GENERATING STATION	20.2000 PPM @ 15% O2
✓	TX-0283	08/07/1998	TENASKA FRONTIER PARTNERS, LTD. TENASKA FRONTIER GENERATION STATION	20.2000 PPM @ 15% O2
✓	NC-0095	05/28/2002	MIRANT GASTONIA LLC MIRANT GASTONIA POWER FACILITY	20.6000 PPM @ 15% O2
✓	VA-0256	01/11/2002	TENASKA VIRGINIA PARTNERS, L. P. TENASKA FLUVANNA	21.0000 PPMVD @ 15% O2
✓	TX-0405	12/15/2000	WESTVACO TEXAS LP WESTVACO TEXAS LP	22.0000 PPM @ 15% O2
✓	TX-0405	12/15/2000	WESTVACO TEXAS LP WESTVACO TEXAS LP	22.0000 PPM @ 15% O2
✓	MS-0058	12/13/2001	CHOCTAW GAS GENERATION, LLC CHOCTAW GAS GENERATION, LLC	22.3000 PPM @ 15% O2
✓	AZ-0036	12/02/2000	PINNACLE WEST ENERGY CORP. PINNACLE WEST ENERGY CORP./REDHAWK GEN. FACILITY	23.0000 PPM @ 15% O2
	TX-0233	10/29/2001	RELIANT ENERGY CHANNELVIEW LP	23.0000 PPM @ 15%

<input checked="" type="checkbox"/>			RELIANT ENERGY- CHANNELVIEW COGENERATION FACILITY	O2
<input checked="" type="checkbox"/>	<u>TX-0250</u>	12/09/1999	RELIANT ENERGY CHANNELVIEW, L.P. CHANNELVIEW COGENERATION FACILITY	23.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>AR-0051</u>	04/01/2002	DUKE ENERGY DUKE ENERGY-JACKSON FACILITY	23.6000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>SC-0060</u>	04/03/2000	SANTEE COOPER RAINEY GENERATING STATION	23.7000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>AZ-0044</u>	09/10/1999	SALT RIVER PROJECT SALT RIVER PROJECT/ DESERT BASIN GENERATING PRJ	24.0000 PPM @ 15 % O2
<input checked="" type="checkbox"/>	<u>TX-0374</u>	03/24/2003	BP AMOCO CHEMICAL CO CHOCOLATE BAYOU PLANT	24.4000 PPM @ 15% O2S
<input checked="" type="checkbox"/>	<u>LA-0120</u>	02/26/2002	SHELL CHEMICAL LP GEISMAR PLANT	24.8000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0369</u>	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0372</u>	07/28/2000	WEST TEXAS ENERGY LIMITED PARTNERSHIP WEST TEXAS ENERGY FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0344</u>	08/22/2001	DEER PARK ENERGY CENTER LP DEER PARK ENERGY CENTER	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0391</u>	12/20/2002	OXY VINYLs LP OXY COGENERATION FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0391</u>	12/20/2002	OXY VINYLs LP OXY COGENERATION FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0368</u>	01/08/1999	LUBBOCK POWER AND LIGHT PLANT NO. 2	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>IL-0074</u>	02/25/2000	AMEREN CIPS - GRAND TOWER POWER STATION CIPS - GRAND TOWER POWER STATION	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>IL-0074</u>	02/25/2000	AMEREN CIPS - GRAND TOWER POWER STATION CIPS - GRAND TOWER POWER STATION	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0411</u>	03/26/2002	CALPINE CONSTRUCTION FINANCE COMPANY LP AMELIA ENERGY CENTER	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>KY-0081</u>	06/07/2001	KENTUCKY PIONEER ENERGY, LLC KENTUCKY PIONEER ENERGY, LLC - TRAPP	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0255</u>	09/30/1998	CALPINE CORPORATION PASADENA 2 POWER FACILITY	25.0000 PPM @15% O2
<input checked="" type="checkbox"/>	<u>TX-0428</u>	12/19/2002	OXY VINYLs LP HOUSTON OPERATIONS -- BATTLEGROUNND SITE	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0232</u>	08/31/2000	CHAMBERS ENERGY, L.P. ELECTRIC GENERATING STATION	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>CO-0049</u>	01/17/2001	NORTH AMERICAN POWER GP -KIOWA CREEK NORTH AMERICAN POWER GP -KIOWA CREEK	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>CO-0042</u>	11/13/2000	FRONT RANGE POWER COMPANY, LLC	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>TX-0273</u>	03/21/2000	COASTAL POWER COMPANY BASTROP CLEAN ENERGY CENTER	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>LA-0146</u>	05/10/2000	SHELL CHEMICAL COMPANY - GEISMAR PLANT SHELL CHEMICAL COMPANY - GEISMAR PLANT	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	<u>FL-0117</u>	05/29/1998	CITY OF TALLAHASSEE UTILITY SERVICES	25.0000 PPMVD

<input checked="" type="checkbox"/>	OH-0268	03/26/2002	CITY OF TALLAHASSEE UTILITY SERVICES Global Energy, Inc.	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0237	09/08/1998	LIMA ENERGY COMPANY FINA OIL AND CHEMICAL COMPANY PORT ARTHUR REFINERY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0265	09/30/1999	GENTEX POWER CORP AND CALPINE CORP. LOST PINES 1 POWER PLANT	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0254	12/31/1998	CALPINE CORPORATION MAGIC VALLEY GENERATION STATION	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	OH-0263	08/09/2001	CALPINE CORPORATION FREMONT ENERGY CENTER, LLC	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	LA-0153	05/16/2001	CARVILLE ENERGY LLC CARVILLE ENERGY CENTER	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* LA-0132	12/09/1999	CARVILLE ENERGY LLC CARVILLE ENERGY CENTER	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0255	09/30/1998	CALPINE CORPORATION PASADENA 2 POWER FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	LA-0127	08/25/2000	CLECO MIDSTREAM RESOURCES, LLC PERRYVILLE	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	LA-0157	03/08/2002	PERRYVILLE ENERGY PARTNERS, LLC PERRYVILLE POWER STATION	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0343	06/27/2001	MC ENERGY PARTNERS LP MONTGOMERY COUNTY POWER PROJECT	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0297	03/14/2000	MOBIL OIL CORPORATION EXXON-MOBIL BEAUMONT REFINERY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0323	12/22/1998	DUKE ENERGY HIDALGO LP HIDALGO ENERGY FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0351	03/11/2002	SEI TEXAS LLC WEATHERFORD ELECTRIC GENERATION FACILITY	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	* LA-0136	12/26/2001	VENTURES LEASE COMPANY, LLC PLAQUEMINE COGENERATION FACILITY	25.0000 PPMVD @ 15% O2
<input checked="" type="checkbox"/>	LA-0164	01/31/2002	ACADIA POWER PARTNERS ACADIA POWER STATION, ACADIA POWER PARTNERS LLC	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0326	07/20/2000	THE AES AURORA AES WOLF HOLLOW LP	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0337	12/21/2000	CEDAR POWER PARTNERS LP CEDAR BLUFF POWER PROJECT	25.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	NC-0101	09/29/2005	FORSYTH ENERGY PROJECTS, LLC FORSYTH ENERGY PLANT	25.9000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0304	10/14/1998	CITY PUBLIC SERVICE OF SAN ANTONIO VH BRAUNIG A VON ROSENBERG PLANT	26.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TX-0293	06/16/1999	GREGORY POWER PARTNERS LP GREGORY POWER FACILITY	26.2000 PPM @ 15% O2
<input checked="" type="checkbox"/>	IL-0091	01/28/2000	LSP NELSON ENERGY, LLC LSP NELSON ENERGY, LLC	27.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	GA-0118	11/29/1999	SOUTHERN COMPANY/GEORGIA POWER COMPANY WANSLEY STEAM-ELECTRIC GENERATING PLANT	27.0000 PPM @ 15% O2
<input checked="" type="checkbox"/>	TN-0144	02/01/2002	CALPINE CONSTRUCTION FINANCE COMPANY, L. P. HAYWOOD ENERGY CENTER, LLC	28.3000 PPM @ 15% O2

✓	TN-0144	02/01/2002	CALPINE CONSTRUCTION FINANCE COMPANY, L. P. HAYWOOD ENERGY CENTER, LLC	28.3000 PPM @ 15% O2
✓	TX-0369	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	30.0000 PPM @ 15% O2
✓	TX-0369	10/20/1999	UNION CARBIDE CORPORATION UCC SEADRIFT OPERATIONS	30.0000 PPM @ 15% O2
✓	MS-0065	11/13/2001	LONE OAK ENERGY CENTER, LLC LONE OAK ENERGY CENTER, LLC	30.0000 PPM @ 15% O2
✓	MS-0065	11/13/2001	LONE OAK ENERGY CENTER, LLC LONE OAK ENERGY CENTER, LLC	30.0000 PPM @ 15% O2
✓	MS-0065	11/13/2001	LONE OAK ENERGY CENTER, LLC LONE OAK ENERGY CENTER, LLC	30.0000 PPM @ 15% O2
✓	AR-0070	08/23/2002	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	30.0000 PPM @ 15% O2
✓	PA-0228	07/12/2001	ALLEGHENY ENERGY SUPPLY CO., L.L.C. SPRINGDALE TOWNSHIP STATION	36.0000 PPM @ 15% O2
✓	MI-0268	06/26/2000	KM POWER COMPANY KM POWER COMPANY	37.0000 PPM @ 15% O2
✓	WY-0061	04/04/2003	BLACK HILLS CORP. BLACK HILLS CORP./NEIL SIMPSON TWO	37.2000 PPM @ 15% O2
✓	TX-0429	02/23/2000	VALERO REFINING CO. - TEXAS VALERO REFINING CO. - TEXAS CITY	38.0000 PPM @ 15% O2
✓	MS-0059	09/24/2002	LSP-PIKE ENERGY, LLC PIKE GENERATION FACILITY	40.0000 PPM @ 15% O2
✓	MS-0059	09/24/2002	LSP-PIKE ENERGY, LLC PIKE GENERATION FACILITY	40.0000 PPM @ 15% O2
✓	MS-0059	09/24/2002	LSP-PIKE ENERGY, LLC PIKE GENERATION FACILITY	40.0000 PPM @ 15% O2
✓	MS-0059	09/24/2002	LSP-PIKE ENERGY, LLC PIKE GENERATION FACILITY	40.0000 PPM @ 15% O2
✓	OK-0055	02/12/2002	MUSTANG POWER LLC MUSTANG ENERGY PROJECT	40.0000 PPM @ 15% O2
✓	OK-0056	02/12/2002	MUSTANG POWER LLC HORSESHOE ENERGY PROJECT	40.0000 PPM @ 15% O2
✓	OK-0028	03/24/1999	ASSOCIATED ELECTRIC COOPERATIVE, INC. CHOUTEAU POWER PLANT	40.0000 PPM @ 15% O2
✓	TX-0414	04/22/1999	FINA OIL & CHEMICAL COPMANY ATOFINA PETROCHEMICALS PORT ARTHUR COMPLEX	50.0000 PPM @ 15% O2
✓	TX-0414	04/22/1999	FINA OIL & CHEMICAL COPMANY ATOFINA PETROCHEMICALS PORT ARTHUR COMPLEX	50.0000 PPM @ 15% O2
✓	LA-0194	11/24/2004	SABINE PASS LNG, LP SABINE PASS LNG IMPORT TERMINAL	50.0000 PPMVD @ 15% O2
✓	MI-0268	06/26/2000	KM POWER COMPANY KM POWER COMPANY	60.0000 PPM @ 15% O2
✓	IL-0091	01/28/2000	LSP NELSON ENERGY, LLC LSP NELSON ENERGY, LLC	64.0000 PPM @ 15% O2
✓	AR-0024	02/28/2000	WRIGHTSVILLE POWER FACILITY WRIGHTSVILLE POWER FACILITY	66.0000 PPM @ 15% O2

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ATTACHMENT A-6

Summary of Projects Listed in EPA LAER/BACT RBLC for Auxiliary Boiler



http://cfpub.epa.gov/rblc/cfm/basicSearchResult.cfm?RequestTimeout=500&CFID=1029279&CFTOKEN=85235350&jsessionid=0630310ab733ee3f298c42501171bd1d56278
 Last updated on Monday, May 19, 2008

Technology Transfer Network Clean Air Technology Center - RACT/BACT/LAER Clearinghouse

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RBLC Search Results

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Your search has found **53** facilities and **54** processes that match your search criteria. You can view details for one or more facilities by clicking on the highlighted RBLC identifier or the process description in the list below. To create a report, select one of the standard output formats from the [list of reports](#) at the bottom of this page. Only facilities that are checked in the table below will be included in your report. Click on the check box next to any facility to switch between checked and unchecked or use the "Check" or "Un-Check" all facilities buttons at the top of the list to check or uncheck all records in the list.

Matching Facilities for Search Criteria:

Permit Date Between 1/1/2000 And 5/19/2008
 And Process Type Contains "13.31"
 And Process Contains 'Aux'

ALL Facilities

NOTE: Draft determinations are marked with a " * " beside the RBLC ID.

RBLC ID	CORPORATE/COMPANY & FACILITY NAME	CODE	PROCESS DESCRIPTION	PERMIT NUMBER PERMIT DATE
<input type="checkbox"/> Sort By	<input type="checkbox"/> Sort By			<input type="button" value="Sort By"/>
<input checked="" type="checkbox"/> *NY-0095	CAITHNESS BELLPORT, LLC CAITHNES BELLPORT ENERGY CENTER	13.310	<u>AUXILIARY BOILER</u>	PSD-NY-0001 05/10/2006
<input checked="" type="checkbox"/> LA-0203	MARTCO LIMITED PARTNERSHIP OAKDALE OSB PLANT	13.310	<u>AUXILIARY THERMAL OIL HEATER</u>	PSD-LA-710 06/13/2005
<input checked="" type="checkbox"/> AZ-0047	DOME VALLEY ENERGY	13.310	<u>AUXILIARY BOILER</u>	1001653

	PARTNERS			12/01/2004
	WELLTON MOHAWK GENERATING STATION			
<input checked="" type="checkbox"/>	<u>WI-0227</u>	WE ENERGIES (WEPCO) PORT WASHINGTON GENERATING STATION	13.310	<u>NATURAL GAS FIRED AUXILLIARY BOILER</u> 04-RV-175 10/13/2004
<input checked="" type="checkbox"/>	<u>NV-0037</u>	SEMPRA ENERGY RESOURCES COPPER MOUNTAIN POWER	13.310	<u>AUXILIARY BOILER</u> 15347 05/14/2004
<input checked="" type="checkbox"/>	<u>OR-0039</u>	Peoples Energy Resources COB ENERGY FACILITY, LLC	13.310	<u>BOILERS, AUXILIARY, NATURAL GAS, (2)</u> 18-0029 12/30/2003
<input checked="" type="checkbox"/>	<u>AZ-0049</u>	ALLEGHENY ENERGY SUPPLY LLC LA PAZ GENERATING FACILITY	13.310	<u>AUXILIARY BOILER FOR GE TURBINE</u> 1001743 09/04/2003
			13.310	<u>AUXILIARY BOILER FOR SIEMENS TURBINES</u>
<input checked="" type="checkbox"/>	<u>TX-0458</u>	DUKE ENERGY LP JACK COUNTY POWER PLANT	13.310	<u>AUXILIARY BOILER</u> P1026 07/22/2003
<input checked="" type="checkbox"/>	<u>GA-0098</u>	GENPOWER RINCON LLC RINCON POWER PLANT	13.310	<u>AUXILIARY BOILER</u> 4911-103- 0011-P-01-0 03/24/2003
<input checked="" type="checkbox"/>	<u>OK-0090</u>	DUKE ENERGY DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	13.310	<u>BOILER, AUXILIARY</u> 2001-157-C M-1 PSD 03/21/2003
<input checked="" type="checkbox"/>	<u>OR-0040</u>	KLAMATH GENERATION, LLC KLAMATH GENERATION, LLC	13.310	<u>BOILER, AUXILIARY, NATURAL GAS</u> 18-0026 03/12/2003
<input checked="" type="checkbox"/>	<u>WA-0291</u>	WALLULA GENERATION, LLC WALLULA POWER PLANT	13.310	<u>BOILER, AUXILIARY</u> EFSEC/2001- 03 01/03/2003
<input checked="" type="checkbox"/>	<u>IA-0062</u>	INTERSTATE POWER & LIGHT (IPL) EMERY GENERATING STATION	13.310	<u>AUXILIARY BOILER</u> 02-357 12/20/2002
<input checked="" type="checkbox"/>	<u>TX-0408</u>	INDIAN ROCK GATHERING COMPANY LP INDIAN ROCK GATHERING COMPANY LP	13.310	<u>AUXILIARY BOILER, (2)</u> PSD-TX- 1002 11/22/2002
<input checked="" type="checkbox"/>	<u>VA-0260</u>	Cogentrix Energy Inc HENRY COUNTY POWER	13.310	<u>AUXILIARY BOILER, (2)</u> 21389 11/21/2002
<input checked="" type="checkbox"/>	<u>VA-0255</u>	Virginia Power VA POWER - POSSUM POINT	13.310	<u>BOILER, AUXILIARY</u> 70225 11/18/2002
<input checked="" type="checkbox"/>	<u>GA-0101</u>	DUKE ENERGY MURRAY LLC MURRAY ENERGY FACILITY	13.310	<u>BOILER, AUXILIARY</u> 4911-213- 0034-P-01-1 10/23/2002
<input checked="" type="checkbox"/>	<u>VA-0261</u>	COMPETITIVE POWER VENTURE CPV CUNNINGHAM CREEK	13.310	<u>AUXILIARY BOILER</u> 81382 09/06/2002
<input checked="" type="checkbox"/>	<u>AR-0070</u>	GENOVA ARKANSAS I, LLC GENOVA ARKANSAS I, LLC	13.310	<u>AUXILIARY BOILER</u> 2009-AOP- R0 08/23/2002
<input checked="" type="checkbox"/>	<u>IA-0060</u>	ENTERGY HAWKEYE GENERATING, LLC	13.310	<u>AUXILIARY BOILER (48.5 MMBTU/H)</u> 01-687 07/23/2002

✓ AL-0185	BARTON SHOALS ENERGY, LLC BARTON SHOALS ENERGY	13.310	<u>TWO (2) 40 MMBTU/H AUXILIARY BOILERS</u>	X001, X002 07/12/2002
✓ TX-0437	HARTBURG POWER, LP HARTBURG POWER, LP	13.310	<u>BOILERS, AUXILIARY</u>	PSD-TX- 1009 07/05/2002
✓ NM-0044	DUKE ENERGY CURRY LLC CLOVIS ENERGY FACILITY	13.310	<u>AUXILIARY BOILERS (AUX-1 AND AUX-2)</u>	PSD-NM- 2605 06/27/2002
✓ OK-0070	GENOVA OKLAHOMA LLC GENOVA OK I POWER PROJECT	13.310	<u>AUXILIARY BOILER</u>	2001-223-C PSD 06/13/2002
✓ OK-0072	REDBUD ENERGY LP REDBUD POWER PLT	13.310	<u>AUXILIARY BOILER</u>	2000-090-C M-1 PSD 05/06/2002
✓ IA-0058	MIDAMERICAN ENERGY GREATER DES MOINES ENERGY CENTER	13.310	<u>AUXILIARY BOILER</u>	77-13-002 04/10/2002
✓ AR-0051	DUKE ENERGY DUKE ENERGY-JACKSON FACILITY	13.310	<u>BOILER, AUXILIARY</u>	1998-AOP- R0 (34-0259) 04/01/2002
✓ OK-0055	MUSTANG POWER LLC MUSTANG ENERGY PROJECT	13.310	<u>AUXILIARY BOILER</u>	2001-132-C PSD 02/12/2002
✓ OK-0056	MUSTANG POWER LLC HORSESHOE ENERGY PROJECT	13.310	<u>AUXILIARY BOILERS</u>	2001-156-C PSD 02/12/2002
✓ NC-0094	GENPOWER EARLEYS, LLC GENPOWER EARLEYS, LLC	13.310	<u>BOILER, AUXILIARY, NATURAL GAS</u>	09159R00 01/09/2002
✓ OH-0257	JACKSON COUNTY POWER, LLC JACKSON COUNTY POWER, LLC	13.310	<u>AUXILIARY BOILER</u>	06-06313 12/27/2001
✓ AL-0180	DUKE ENERGY DALE, LLC DUKE ENERGY DALE, LLC	13.310	<u>35 MMBTU/HR NAT. GAS FIRED AUXILIARY BOILER</u>	604-0023- X001, X002 12/11/2001
✓ IN-0095	ALLEGHENY ENERGY SUPPLY CO. LLC (ACADIA BAY ENERGY ALLEGHENY ENERGY SUPPLY CO. LLC	13.310	<u>AUXILLIARY BOILER</u>	141-14198- 00543 12/07/2001
✓ OK-0071	NRG MCCLAIN LLC MCCLAIN ENERGY FACILITY	13.310	<u>AUXILIARY BOILER</u>	99-213-C M- 1 PSD 10/25/2001
✓ *WA-0292	GRAYS HARBOR ENERGY LLC SATSOP COMBUSTION TURBINE PROJECT	13.310	<u>AUXILIARY BOILER</u>	EFSEC/2001- 01 10/23/2001
✓ OK-0043	ENERGETIX WEBERS FALLS ENERGY FACILITY	13.310	<u>AUXILIARY BOILER</u>	2000-278-C PSD 10/22/2001
✓ IN-0110	COGENTRIX LAWRENCE CO., LLC COGENTRIX LAWRENCE CO.,	13.310	<u>BOILER, AUXILIARY, NATURAL GAS</u>	093-12432- 00021-4911 10/05/2001

<input checked="" type="checkbox"/>	AL-0179	LLC TENASKA ALABAMA IV PARTNERS, LP TENASKA TALLADEGA GENERATING STATION	13.310	<u>30 MMBTU/HR AUXILIARY BOILER</u>	309-0052-X001 10/03/2001
<input checked="" type="checkbox"/>	MD-0033	FREE STATE ELECTRIC, LLC KELSON RIDGE	13.310	<u>AUXILIARY BOILER</u>	CPCN CASE NO. 8843 09/27/2001 2000-115-C PSD 08/16/2001
<input checked="" type="checkbox"/>	OK-0044	SMITH COGENERATION OK INC SMITH POCOLA ENERGY PROJECT	13.310	<u>AUXILIARY BOILERS, (2)</u>	03-13549 08/09/2001
<input checked="" type="checkbox"/>	OH-0263	CALPINE CORPORATION FREMONT ENERGY CENTER, LLC	13.310	<u>AUXILIARY BOILER</u>	167-12481-00125 06/06/2001 1513 06/01/2001
<input checked="" type="checkbox"/>	IN-0087	DUKE ENERGY, VIGO LLC DUKE ENERGY, VIGO LLC	13.310	<u>AUXILIARY BOILER, NATURAL GAS (2)</u>	2000-116-C PSD 05/17/2001
<input checked="" type="checkbox"/>	NV-0039	NEVADA POWER COMPANY CHUCK LENZIE GENERATING STATION	13.310	<u>AUXILIARY BOILERS</u>	167-12208-00123 05/09/2001 2000-103-C M-1 PSD 05/01/2001
<input checked="" type="checkbox"/>	OK-0046	THUNDERBIRD GENERATION LLC THUNDERBIRD POWER PLT	13.310	<u>AUXILIARY BOILER</u>	402-0010-X001 AND X002 02/05/2001 1936-AOP-R0 12/29/2000
<input checked="" type="checkbox"/>	IN-0086	MIRANT SUGAR CREEK, LLC MIRANT SUGAR CREEK, LLC	13.310	<u>AUXILIARY BOILER, NATURAL GAS (2)</u>	PSD-NM-2450 12/29/2000
<input checked="" type="checkbox"/>	OK-0074	KIOWA POWER PARTNERS LLC KIAMICHI ENERGY FACILITY	13.310	<u>AUXILIARY BOILER</u>	CT-1946 07/25/2000
<input checked="" type="checkbox"/>	AL-0169	BLOUNT COUNTY ENERGY LLC BLOUNT MEGAWATT FACILITY	13.310	<u>AUXILIARY BOILER</u>	
<input checked="" type="checkbox"/>	AR-0040	DUKE ENERGY HOT SPRINGS DUKE ENERGY HOT SPRINGS	13.310	<u>BOILERS, AUXILIARY 2</u>	
<input checked="" type="checkbox"/>	NM-0042	DUKE ENERGY LUNA DEMING ENERGY FACILITY	13.310	<u>AUX-1 AUXILIARY BOILER</u>	
<input checked="" type="checkbox"/>	WY-0056	LOUISIANA LAND & EXPLORATION CO. - LOST CABIN GAS LA LAND & EXPLORATION CO. - LOST CABIN GAS PLANT	13.310	<u>BOILER (AUXILLARY), TRAIN III</u>	
<input checked="" type="checkbox"/>	MA-0027	CABOT POWER CORPORATION CABOT POWER CORPORATION	13.310	<u>AUXILIARY BOILER</u>	MBR-97-COM-014 05/07/2000
<input checked="" type="checkbox"/>	TX-0274	AMERIPOL SYNPOL CORP. SOLAR GAS TURBINE COGEN.	13.310	<u>AUXILIARY BOILER</u>	PSD-TX-957 04/03/2000
	OK-0041	NRG MCCLAIN LLC	13.310	<u>AUXILIARY BOILER</u>	99-213-C



MCCLAIN ENERGY FACILITY

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