

ARCADIS

Appendix B

Supporting Calculations

Expected Emissions for the Air Permit Application

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Date: 8/27/09
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Date: 8/31/09

Advanced Power
Cricket Valley Energy Center

iso conditions with DB
iso conditions without DB

	Units	Design Cases														
		Case 1A	Case 3	Case 6	Case 7	Case 9	Case 12	Case 19	Case 21	Case 24	Case 19A	Case 21A	Case 24A	Case 36/36A	Case 37	Case 39
Combustion Turbine Parameters																
CTG Fuel Type	--	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
Ambient Temperature	°F	105	59	-8	105	59	-8	105	59	-8	105	59	-8	-8	105	59
CTG Percent Load Rate	%	100%	100%	100%	100%	100%	100%	75%	75%	75%	60%	60%	60%	50%	50%	50%
H2SO4	lb/hr	0.86	0.79	0.77	0.23	0.26	0.28	0.18	0.20	0.26	0.19	0.17	0.22	0.20	0.16	0.18
Total PM-10	lb/hr	16.0	14.8	15.4	10.0	10.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0
NH ₃	lb/hr	16.2	16.8	18.1	12.0	13.4	15.0	9.6	10.6	11.8	8.2	9.1	10.1	9.2	7.4	8.2
19% wt. Aqueous NH ₃ Injection Rate	gal/min	2.1	2.2	2.3	1.6	1.8	1.9	1.3	1.4	1.5	1.1	1.2	1.3	1.9	1.5	1.7
NO _x (w/ SCR)	lb/MMBtu, LHV	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
CO (w/ Ox. Catalyst)	lb/MMBtu, LHV	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
VOC (w/ Ox. Catalyst)	lb/MMBtu, LHV	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
SO ₂	lb/MMBtu, LHV	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
H2SO4	lb/MMBtu, LHV	0.00053	0.00043	0.00038	0.00014	0.00014	0.00014	0.00014	0.00014	0.00016	0.00017	0.00014	0.00016	0.00017	0.00016	0.00016
Total PM-10	lb/MMBtu, LHV	0.007	0.007	0.006	0.006	0.006	0.005	0.008	0.007	0.006	0.009	0.008	0.007	0.007	0.008	0.007
NH ₃	lb/MMBtu, LHV	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008
Notes:																
1) Emissions during steady-state operation from 60% to 100% load based on Siemens' SIPEP program.																
2) Emissions during steady-state operation at 50% load based on Siemens' Cricket Valley project-specific performance data with the low-CO option with CT exhaust flow increased to account for evaporative cooling at ambient temperatures of 50 deg F or higher. Exhaust flow increase is based on the ratio of exhaust flows with and without evaporative cooling as determined by GT Pro.																
3) Case 1A includes the maximum duct firing capacity (538.1 MMBtu/hr, LHV) per the RW Beck NY Zone G electrical financial market analysis (as provided by Advanced Power to BREI).																
4) As a conservative approach from the emissions point of view, evaporative cooling was assumed in operation at ambient temperatures of 50 deg F or higher for all CT load cases shown. The resulting increase in exhaust flow due to evaporative cooling would increase emissions.																

Constants	Units	Value
Fuel Heating Values		
Natural Gas LHV	Btu/lb	20,493
Natural Gas LHV	Btu/SCF	871
Natural Gas HHV/LHV	--	1.109
Fuel Sulfur Contents		
Natural Gas Sulfur Content	grains/100 SCF	0.5
Molecular Weights		
Ar	lb/lbmol	40
N ₂	lb/lbmol	28
O ₂	lb/lbmol	32
CO ₂	lb/lbmol	44
H ₂ O	lb/lbmol	18
NO _x (as NO ₂)	lb/lbmol	46
CO	lb/lbmol	28
VOC (as CH ₄)	lb/lbmol	16
S	lb/lbmol	32
SO ₂	lb/lbmol	64
SO ₃	lb/lbmol	80
H ₂ SO ₄	lb/lbmol	98
NH ₃	lb/lbmol	17
Ammonium Sulfate, (NH ₄) ₂ SO ₄	lb/lbmol	132
Ammonium Bisulfate, NH ₄ HSO ₄	lb/lbmol	115

965.80428

Summary of Annual Emissions Cricket Hill Energy

3/17/2010

Max Annual Emissions - facility wide (including startup and shutdown)

			NOx	CO	VOC	SO2	PM10/PM2.5	H2SO4	NH3	Pb
	combustion turbines	tpy	256.05	657.5	155.3	49.9	194.5	10.2	220.8	0
	ancillary equipment	tpy	20.01	23.0	1.3	0.2	1.7	0.0144	0.0000	3.28E-04
	TOTAL	TPY	276.1	680.5	156.6	50.1	196.1	10.3	220.8	3.28E-04

steady state emissions are used for SU/SD events that are self correcting

Max Annual Emissions - facility wide (steady state)

			NOx	CO	VOC	SO2	PM10/PM2.5	H2SO4	NH3
	combustion turbines	tpy	239.1	144.5	72.3	49.9	194.5	10.2	220.8
	ancillary equipment	tpy	20.0	23.0	1.3	0.2	1.7	0.0144	0
	TOTAL	TPY	259.2	167.5	73.6	50.1	196.1	10.3	220.8

Emissions from Auxilliary Equipment

Total Emissions from Ancillary Equipment (tpy)

		NOx	CO	VOC	SO2	PM10/ PM2.5	lead (Pb)	H2SO4
Auxilliary Boiler		3.94	4.05	0.55	0.18	0.55		1.37E-02
Emergency Generator		0.00	0.00	0.00	0.00	0.00	0.00	
Emergency Fire Pump		0.66	0.13	0.02	0.00	0.02	1.01E-05	2.16E-05
Black Start Generators (3)		15.41	18.81	0.71	0.03	1.09	3.18E-04	6.79E-04
TOTAL		20.01	22.99	1.28	0.21	1.66	3.28E-04	1.44E-02

Emissions for Modeling (g/s) per unit

		NOx	CO	VOC	SO2	PM10/ PM2.5	lead (Pb)
Auxilliary Boiler		0.22	0.23	0.03	0.01	0.03	7.70E-04
Emergency Generator		0.00	0.00	0.00	0.0000	0.00	0.00E+00
Emergency Fire Pump		0.33	0.07	0.01	0.0006	0.01	5.10E-06
Black Start Generator		2.59	3.16	0.12	0.01	0.18	0.0001

Emissions (lb/hr)

		NOx	CO	VOC	SO2	PM10/ PM2.5	lead (Pb)
Auxilliary Boiler		1.75	1.80	0.24	0.08	0.24	0.01
Emergency Generator							
Emergency Fire Pump		2.63	0.54	0.10	0.00	0.09	0.00
Black Start Generator		20.55	25.08	0.95	0.04	1.45	0.00

Auxilliary Boiler

		NOx	CO	VOC	SO2	PM10/ PM2.5	H2SO4
Maximum Input Capacity	MMBtu/hr	48.63	48.63	48.63	48.63	48.63	48.63
Emission Factor	lb/MMBtu	0.036	0.037	0.005	0.00164	0.005	1.25E-04
Operating Hours per Years	hrs/yr	4500	4500	4500	4500	4500	4500
Potential Emissions	lb/hr	1.75	1.80	0.24	0.08	0.24	0.006
Potential Emissions	tpy	3.94	4.05	0.55	0.18	0.55	0.014

emission factors for NOx, CO, VOC and PM10/PM2.5 provided by Burns and Roe (June 2009)

emission factor for SO2 based on a NG sulfur content of 0.5 grains/100 SCF and a LHV of 871 Btu/SCF (provided by Burns and Roe 8/31/09)

emissions of H2SO4 assumes a 5% conversion of SO2 --> SO3 (on a molar basis)

Emissions from Auxilliary Equipment

Emergency Fire Pump

		NOx	CO	VOC	SO2	PM10/ PM2.5	lead (Pb)	H2SO4
Power rating	hp	460.0	460.0	460.0	460.0	460.0	460.0	460.0
emission factor	g/bhp hr	2.6	0.53	0.097	0.004767	0.087	3.99E-05	0.0001
emissions	lb/hr	2.634	0.537	0.098	0.005	0.088	4.04E-05	8.62E-05
maximum fuel flow	gal/hr	20.300	20.300	20.300	20.300	20.300	20.300	20.300
emission factor	lb/MMBtu	0.947	0.193	0.035	0.002	0.032	1.45E-05	3.10E-05
operating hours per year	hrs/yr	500	500	500	500	500	500	500
Potential Emissions	tpy	0.66	0.13	0.02	0.0012	0.02	1.01E-05	2.16E-05

emission factors for NOx, CO, VOC and PM10/PM2.5 provided by Advanced Power on 10-27-09 (fuel flow assumes 1760 RPM model)

emission factor for SO2 based on ULSD fuel oil (sulfur content of 15 ppmw or 0.0015 lb/MMBtu) and fuel input ratio of 7000 Btu/hp hr (AP-42 Section 3.3)

emission factor for H2SO4 from Toxic air pollutant emission factors - a compilation for selected compounds and sources (EPA, 1990)

Black Start Generators

		NOx	CO	VOC	SO2	PM10/ PM2.5	lead (Pb)	H2SO4
Power rating	kW	3000	3000	3000	3000	3000	3000	3000
Power rating	hp	4423.0	4423.0	4423.0	4423.0	4423.0	4423.0	4423.0
fuel input (100% load)	gal/hr	213.3	213.3	213.3	213.3	213.3	213.3	213.3
number of generators	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0
emissions	g/hp hr	2.11	2.6	0.1	0.0045	0.1488	0.00004	0.0001
emission factor	lb/MMBtu	0.7032	0.8583	0.0325	0.0015	0.0496	1.45E-05	3.10E-05
emissions - per unit	lb/hr	20.550	25.080	0.950	0.044	1.450	4.24E-04	9.06E-04
operating hours per year	hrs/yr	500	500	500	500	500	500	500
Potential Emissions per unit	tpy	5.14	6.27	0.24	0.0110	0.36	1.06E-04	2.26E-04
Potential Emissions - total	tpy	15.41	18.81	0.71	0.03	1.09	0.00032	0.00068

lb/hour emissons for NOx, CO, VOC and PM10/PM2.5 from Caterpillar spec sheet for 3000 eKW generator set (provided on 9-24-09) - emissions for NOx were adjusted to reflect a Tier 2 emission standard of 4.8 g/hp hr

emission factor for SO2 based on ULSD fuel oil (sulfur content of 15 ppmw or 0.0015 lb/MMBtu)

emission factor for Pb based on AP-42 Section 3.1 (1.4e-5 lb/MMBtu)

emission factor for H2SO4 from Toxic air pollutant emission factors - a compilation for selected compounds and sources (EPA, 1990)

Cricket Valley Energy

Summary of HAP Emissions

Max Individual HAP	3.90						
Total HAPs	13.50						
Summary of HAP Emissions (tpy)							
		all 3	all 3			all 3	Facility-Wide
Column1	HAPs	Turbines	Duct Burner	Aux Boiler	Fire Engine	BS Gens	HAPs3
Air Toxic						ton/yr2	
1,3-Butadiene	HAP	0.01	0.00	0.00E+00	2.72E-05	0.00E+00	0.01
2-Methylnaphthalene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Acetaldehyde	HAP	1.19	0.00	0.00E+00	5.33E-04	5.52E-04	1.19
Acrolein	HAP	0.19	0.00	0.00E+00	6.43E-05	1.73E-04	0.19
Anthracene	HAP	0.00	0.00	2.72E-07	1.30E-06	2.70E-04	0.00
Ammonia	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Benzene	HAP	0.36	0.02	2.38E-04	6.49E-04	1.70E-02	0.39
Benzo(a)anthracene	HAP	0.00	0.00	2.04E-07	1.17E-06	1.36E-05	0.00
Benzo(a)pyrene	HAP	0.00	0.00	1.36E-07	0.00E+00	5.63E-06	0.00
Butane	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Chrysene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Dibenz(a,h)anthracene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Ethane	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Ethylbenzene	HAP	0.95	0.00	0.00E+00	0.00E+00	0.00E+00	0.95
Formaldehyde	HAP	3.27	0.61	8.50E-03	8.20E-04	1.73E-03	3.89
Hexane	HAP	0.00	0.04	5.21E-04	0.00E+00	0.00E+00	0.04
Naphthalene	HAP	0.04	0.00	6.91E-05	5.90E-05	2.85E-03	0.05
Pentane	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Phenanthrene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
PAH	HAP	0.07	0.00	8.87E-06	1.17E-04	4.65E-03	0.07
Propane	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Propylene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Propylene Oxide	HAP	0.86	0.00	0.00E+00	0.00E+00	0.00E+00	0.86
Pyrene	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Sulfuric Acid	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Toluene	HAP	3.87	0.03	3.85E-04	2.84E-04	6.16E-03	3.90
Xylene (Total)	HAP	1.90	0.00	0.00E+00	1.98E-04	4.23E-03	1.91
Arsenic	HAP	0.00	0.00	2.27E-05	0.00E+00	0.00E+00	0.00
Barium	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Beryllium	HAP	0.00	0.00	1.36E-06	0.00E+00	0.00E+00	0.00
Cadmium	HAP	0.00	0.01	1.25E-04	0.00E+00	0.00E+00	0.01
Chromium	HAP	0.00	0.01	1.59E-04	0.00E+00	0.00E+00	0.01
Cobalt	HAP	0.00	0.00	9.52E-06	0.00E+00	0.00E+00	0.00
Copper	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Manganese	HAP	0.00	0.00	4.30E-05	0.00E+00	0.00E+00	0.00
Mercury	HAP	0.00	0.00	2.95E-05	0.00E+00	0.00E+00	0.00
Molybdenum	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Nickel	HAP	0.00	0.02	2.38E-04	0.00E+00	0.00E+00	0.02
Selenium	HAP	0.00	0.00	2.72E-06	0.00E+00	0.00E+00	0.00
Vanadium	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00
Zinc	0	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00

Cricket Valley Energy

Air Toxic Emissions

Natural Gas Fired Duct Burners

	Units	Case 1A	Case 3	Case 6	Case 7	Case 9	Case 12
Ambient Temperature	°F	105	59	-8	105	59	-8
CTG Percent Load Rate	%	100%	100%	100%	100%	100%	100%
DB Heat Input Capacity	MMBtu/hr, HHV	597	481	444	0	0	0
HHV of natural gas	BTU/SCF	966	966	966	966	966	966
number of burners		3	3	3	3	3	3
annual hours of operation		8,760	8,760	8,760	8,760	8,760	8,760

Emissions from Each Duct Burner (lb/hr)

Air Toxic	Emission Factor		Case 1A	Case 3	Case 6	Case 7	Case 9	Case 12
	lb/MMSCF	lb/MMBtu						
1,3-Butadiene	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Acetaldehyde	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Acrolein	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Anthracene	2.40E-06	2.48E-09	0.00	0.00	0.00	0.00	0.00	0.00
Ammonia	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Benzene	2.10E-03	2.17E-06	0.00	0.00	0.00	0.00	0.00	0.00
Benzo(a)anthracene	1.80E-06	1.86E-09	0.00	0.00	0.00	0.00	0.00	0.00
Benzo(a)pyrene	1.20E-06	1.24E-09	0.00	0.00	0.00	0.00	0.00	0.00
Butane	2.10E+00	2.17E-03	1.30	1.05	0.96	0.00	0.00	0.00
Chrysene	1.80E-06	1.86E-09	0.00	0.00	0.00	0.00	0.00	0.00
Dibenz(a,h)anthracene	1.20E-06	1.24E-09	0.00	0.00	0.00	0.00	0.00	0.00
Ethane	3.10E+00	3.21E-03	1.92	1.54	1.42	0.00	0.00	0.00
Ethylbenzene	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Formaldehyde	7.50E-02	7.76E-05	0.05	0.04	0.03	0.00	0.00	0.00
Hexane	4.60E-03	4.76E-06	0.00	0.00	0.00	0.00	0.00	0.00
Naphthalene	6.10E-04	6.32E-07	0.00	0.00	0.00	0.00	0.00	0.00
Pentane	2.60E+00	2.69E-03	1.61	1.29	1.19	0.00	0.00	0.00
Phenanthrene	1.70E-05	1.76E-08	0.00	0.00	0.00	0.00	0.00	0.00
PAH	7.83E-05	8.11E-08	0.00	0.00	0.00	0.00	0.00	0.00
Propane	1.60E+00	1.66E-03	0.99	0.80	0.73	0.00	0.00	0.00
Propylene	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Propylene Oxide	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Pyrene	5.00E-06	5.18E-09	0.00	0.00	0.00	0.00	0.00	0.00
Sulfuric Acid	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Toluene	3.40E-03	3.52E-06	0.00	0.00	0.00	0.00	0.00	0.00
Xylene (Total)	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00
Arsenic	2.00E-04	2.07E-07	0.00	0.00	0.00	0.00	0.00	0.00
Barium	4.40E-03	4.56E-06	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	1.20E-05	1.24E-08	0.00	0.00	0.00	0.00	0.00	0.00
Cadmium	1.10E-03	1.14E-06	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	1.40E-03	1.45E-06	0.00	0.00	0.00	0.00	0.00	0.00
Cobalt	8.40E-05	8.70E-08	0.00	0.00	0.00	0.00	0.00	0.00
Copper	8.50E-04	8.80E-07	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	3.80E-04	3.93E-07	0.00	0.00	0.00	0.00	0.00	0.00
Mercury	2.60E-04	2.69E-07	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	1.10E-03	1.14E-06	0.00	0.00	0.00	0.00	0.00	0.00
Nickel	2.10E-03	2.17E-06	0.00	0.00	0.00	0.00	0.00	0.00
Selenium	2.40E-05	2.48E-08	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	2.30E-03	2.38E-06	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	2.90E-02	3.00E-05	0.02	0.01	0.01	0.00	0.00	0.00

Cricket Valley Energy

Air Toxic Emissions

Natural Gas Fired Auxilliary Boiler

	Units	Value
Boiler Heat Input	MMBtu/hr, HHV	49
number of boilers		1
annual hours of operation		4,500
HHV of natural gas	BTU/SCF	966

Emissions Auxilliary Boiler

Air Toxic	Emission Factor		lb/hr	ton/yr	HAPs	HAPs ton/yr2
	lb/MMSCF	lb/MMBtu				
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Acetaldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Acrolein	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Anthracene	2.40E-06	2.48E-09	1.21E-07	2.72E-07	HAP	2.72E-07
Ammonia	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Benzene	2.10E-03	2.17E-06	1.06E-04	2.38E-04	HAP	2.38E-04
Benzo(a)anthracene	1.80E-06	1.86E-09	9.06E-08	2.04E-07	HAP	2.04E-07
Benzo(a)pyrene	1.20E-06	1.24E-09	6.04E-08	1.36E-07	HAP	1.36E-07
Butane	2.10E+00	2.17E-03	1.06E-01	2.38E-01	0	0.00E+00
Chrysene	1.80E-06	1.86E-09	9.06E-08	2.04E-07	0	0.00E+00
Dibenz(a,h)anthracene	1.20E-06	1.24E-09	6.04E-08	1.36E-07	0	0.00E+00
Ethane	3.10E+00	3.21E-03	1.56E-01	3.51E-01	0	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Formaldehyde	7.50E-02	7.76E-05	3.78E-03	8.50E-03	HAP	8.50E-03
Hexane	4.60E-03	4.76E-06	2.32E-04	5.21E-04	HAP	5.21E-04
Naphthalene	6.10E-04	6.32E-07	3.07E-05	6.91E-05	HAP	6.91E-05
Pentane	2.60E+00	2.69E-03	1.31E-01	2.95E-01	0	0.00E+00
Phenanthrene	1.70E-05	1.76E-08	8.56E-07	1.93E-06	0	0.00E+00
PAH	7.83E-05	8.11E-08	3.94E-06	8.87E-06	HAP	8.87E-06
Propane	1.60E+00	1.66E-03	8.06E-02	1.81E-01	0	0.00E+00
Propylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Propylene Oxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Pyrene	5.00E-06	5.18E-09	2.52E-07	5.66E-07	0	0.00E+00
Sulfuric Acid	from vendor information		6.00E-03	1.35E-02	0	0.00E+00
Toluene	3.40E-03	3.52E-06	1.71E-04	3.85E-04	HAP	3.85E-04
Xylene (Total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Arsenic	2.00E-04	2.07E-07	1.01E-05	2.27E-05	HAP	2.27E-05
Barium	4.40E-03	4.56E-06	2.22E-04	4.98E-04	0	0.00E+00
Beryllium	1.20E-05	1.24E-08	6.04E-07	1.36E-06	HAP	1.36E-06
Cadmium	1.10E-03	1.14E-06	5.54E-05	1.25E-04	HAP	1.25E-04
Chromium	1.40E-03	1.45E-06	7.05E-05	1.59E-04	HAP	1.59E-04
Cobalt	8.40E-05	8.70E-08	4.23E-06	9.52E-06	HAP	9.52E-06
Copper	8.50E-04	8.80E-07	4.28E-05	9.63E-05	0	0.00E+00
Manganese	3.80E-04	3.93E-07	1.91E-05	4.30E-05	HAP	4.30E-05
Mercury	2.60E-04	2.69E-07	1.31E-05	2.95E-05	HAP	2.95E-05
Molybdenum	1.10E-03	1.14E-06	5.54E-05	1.25E-04	0	0.00E+00
Nickel	2.10E-03	2.17E-06	1.06E-04	2.38E-04	HAP	2.38E-04
Selenium	2.40E-05	2.48E-08	1.21E-06	2.72E-06	HAP	2.72E-06
Vanadium	2.30E-03	2.38E-06	1.16E-04	2.61E-04	0	0.00E+00
Zinc	2.90E-02	3.00E-05	1.46E-03	3.28E-03	0	0.00E+00

Cricket Valley Energy

Air Toxic Emissions

Emergency Fire Pump

	Units	
Maximum Fuel Flow	gal/hr	20
Heating Value Diesel Fuel	Btu/gal	137,000
Maximum Heat Input	MMBtu/hr	2.78
number of engines		1
annual hours of operation		500

Emissions Auxilliary Boiler

Emission Factor

Air Toxic	lb/MMBtu	lb/hr	ton/yr	HAPs	ton/yr2
1,3-Butadiene	3.91E-05	1.09E-04	2.72E-05	HAP	2.72E-05
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Acetaldehyde	7.67E-04	2.13E-03	5.33E-04	HAP	5.33E-04
Acrolein	9.25E-05	2.57E-04	6.43E-05	HAP	6.43E-05
Anthracene	1.87E-06	5.20E-06	1.30E-06	HAP	1.30E-06
Ammonia	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Benzene	9.33E-04	2.59E-03	6.49E-04	HAP	6.49E-04
Benzo(a)anthracene	1.68E-06	4.67E-06	1.17E-06	HAP	1.17E-06
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Butane	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Chrysene	3.53E-07	9.82E-07	2.45E-07	0	0.00E+00
Dibenz(a,h)anthracene	5.83E-07	1.62E-06	4.05E-07	0	0.00E+00
Ethane	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Formaldehyde	1.18E-03	3.28E-03	8.20E-04	HAP	8.20E-04
Hexane	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Naphthalene	8.48E-05	2.36E-04	5.90E-05	HAP	5.90E-05
Pentane	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Phenanthrene	2.94E-05	8.18E-05	2.04E-05	0	0.00E+00
PAH	1.68E-04	4.67E-04	1.17E-04	HAP	1.17E-04
Propane	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Propylene	2.58E-04	7.18E-04	1.79E-04	0	0.00E+00
Propylene Oxide	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Pyrene	4.78E-06	1.33E-05	3.32E-06	0	0.00E+00
Sulfuric Acid	from vendor info	8.62E-05	2.16E-05	0	0.00E+00
Toluene	4.09E-04	1.14E-03	2.84E-04	HAP	2.84E-04
Xylene (Total)	2.85E-04	7.93E-04	1.98E-04	HAP	1.98E-04
Arsenic	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Barium	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Manganese	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Molybdenum	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	HAP	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0	0.00E+00

Cricket Valley Energy

Air Toxic Emissions

Black Start Generators

	Units	
Maximum Fuel Flow	gal/hr	213
Heating Value Diesel Fuel	Btu/gal	137,000
Maximum Heat Input	MMBtu/hr	29.22
number of engines		3
annual hours of operation		500

Air Toxic	Emission Factor	Each Generator	All Generators	HAPs	
	lb/MMBtu	lb/hr	ton/yr	HAPs	ton/yr2
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	HAP	0
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0	0
Acetaldehyde	2.52E-05	7.36E-04	5.52E-04	HAP	0.0005523
Acrolein	7.88E-06	2.30E-04	1.73E-04	HAP	0.0001727
Anthracene	1.23E-05	3.59E-04	2.70E-04	HAP	0.00026957
Ammonia	0.00E+00	0.00E+00	0.00E+00	0	0
Benzene	7.76E-04	2.27E-02	1.70E-02	HAP	0.01700726
Benzo(a)anthracene	6.22E-07	1.82E-05	1.36E-05	HAP	1.3632E-05
Benzo(a)pyrene	2.57E-07	7.51E-06	5.63E-06	HAP	5.6326E-06
Butane	0.00E+00	0.00E+00	0.00E+00	0	0
Chrysene	1.53E-06	4.47E-05	3.35E-05	0	0
Dibenz(a,h)anthracene	3.46E-07	1.01E-05	7.58E-06	0	0
Ethane	0.00E+00	0.00E+00	0.00E+00	0	0
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	HAP	0
Formaldehyde	7.89E-05	2.31E-03	1.73E-03	HAP	0.00172922
Hexane	0.00E+00	0.00E+00	0.00E+00	HAP	0
Naphthalene	1.30E-04	3.80E-03	2.85E-03	HAP	0.00284915
Pentane	0.00E+00	0.00E+00	0.00E+00	0	0
Phenanthrene	4.08E-05	1.19E-03	8.94E-04	0	0
PAH	2.12E-04	6.20E-03	4.65E-03	HAP	0.00464631
Propane	0.00E+00	0.00E+00	0.00E+00	0	0
Propylene	2.79E-03	8.15E-02	6.11E-02	0	0
Propylene Oxide	0.00E+00	0.00E+00	0.00E+00	HAP	0
Pyrene	3.71E-06	1.08E-04	8.13E-05	0	0
Sulfuric Acid	from vendor info	9.06E-04	6.79E-04	0	0
Toluene	2.81E-04	8.21E-03	6.16E-03	HAP	0.00615856
Xylene (Total)	1.93E-04	5.64E-03	4.23E-03	HAP	0.0042299
Arsenic	0.00E+00	0.00E+00	0.00E+00	HAP	0
Barium	0.00E+00	0.00E+00	0.00E+00	0	0
Beryllium	0.00E+00	0.00E+00	0.00E+00	HAP	0
Cadmium	0.00E+00	0.00E+00	0.00E+00	HAP	0
Chromium	0.00E+00	0.00E+00	0.00E+00	HAP	0
Cobalt	0.00E+00	0.00E+00	0.00E+00	HAP	0
Copper	0.00E+00	0.00E+00	0.00E+00	0	0
Manganese	0.00E+00	0.00E+00	0.00E+00	HAP	0
Mercury	0.00E+00	0.00E+00	0.00E+00	HAP	0
Molybdenum	0.00E+00	0.00E+00	0.00E+00	0	0
Nickel	0.00E+00	0.00E+00	0.00E+00	HAP	0
Selenium	0.00E+00	0.00E+00	0.00E+00	HAP	0
Vanadium	0.00E+00	0.00E+00	0.00E+00	0	0
Zinc	0.00E+00	0.00E+00	0.00E+00	0	0

Cricket Valley Energy

Air Toxic Emission Factors

Sources:

- CTGs: AP-42 - Background Document for Section 3.1 - Table 3.4-1 (factors including CO catalyst control used when available)
- CTGs: CARB - CATEF Formaldehyde Emission Factor Database for Natural Gas Fired Turbines with SCR and/or CO catalyst
- CTGs: ammonia emissions based on 5 ppmv in exhaust at worst case base load and partial conditions (Case 1A and Case 36/36A)
- Duct Burner/Aux Boiler: AP-42 Compilation of Emission Factors - Table 1.4-3
- Duct Burner/Aux Boiler: Ventura County AB2588 combustion emission factor for external combustion equipment - hexane emission factor
- Emergency Fire Engine: AP-42 Compilation of Emission Factors - Table 3.3-2

Air Toxic	Full Load CTGs	duct burner/boiler	emer. fire pump	black start generator	NY air toxic	HAP	POM
1,3-Butadiene	4.30E-07		3.91E-05		NYS air	HAP	
2-Methylnaphthalene					NYS air		POM
Acetaldehyde	4.00E-05		7.67E-04	2.52E-05	NYS air	HAP	
Acrolein	6.40E-06		9.25E-05	7.88E-06	NYS air	HAP	
Anthracene		2.40E-06	1.87E-06	1.23E-05	NYS air	HAP	PAH
Ammonia	8.00E-03				NYS air		
Benzene	1.20E-05	2.10E-03	9.33E-04	7.76E-04	NYS air	HAP	
Benzo(a)anthracene		1.80E-06	1.68E-06	6.22E-07	NYS air	HAP	PAH
Benzo(a)pyrene		1.20E-06		2.57E-07	NYS air	HAP	PAH
Butane		2.10E+00			NYS air		
Chrysene		1.80E-06	3.53E-07	1.53E-06	NYS air		PAH
Dibenz(a,h)anthracene		1.20E-06	5.83E-07	3.46E-07	NYS air		PAH
Ethane		3.10E+00			NYS air		
Ethylbenzene	3.20E-05				NYS air	HAP	
Formaldehyde	1.10E-04	7.50E-02	1.18E-03	7.89E-05	NYS air	HAP	
Hexane		4.60E-03			NYS air	HAP	
Naphthalene	1.30E-06	6.10E-04	8.48E-05	1.30E-04	NYS air	HAP	PAH
Pentane		2.60E+00			NYS air		
Phenanthrene		1.70E-05	2.94E-05	4.08E-05	NYS air		PAH
PAH	2.20E-06	7.83E-05	1.68E-04	2.12E-04		HAP	
Propane		1.60E+00			NYS air		
Propylene			2.58E-04	2.79E-03	NYS air		
Propylene Oxide	2.90E-05				NYS air	HAP	
Pyrene		5.00E-06	4.78E-06	3.71E-06	NYS air		PAH
Sulfuric Acid					NYS air		
Toluene	1.30E-04	3.40E-03	4.09E-04	2.81E-04	NYS air	HAP	
Xylene (Total)	6.40E-05		2.85E-04	1.93E-04	NYS air	HAP	
Arsenic		2.00E-04			NYS air	HAP	
Barium		4.40E-03			NYS air		
Beryllium		1.20E-05			NYS air	HAP	
Cadmium		1.10E-03			NYS air	HAP	
Chromium		1.40E-03			NYS air	HAP	
Cobalt		8.40E-05			NYS air	HAP	
Copper		8.50E-04			NYS air		
Manganese		3.80E-04			NYS air	HAP	
Mercury		2.60E-04			NYS air	HAP	
Molybdenum		1.10E-03			NYS air		
Nickel		2.10E-03			NYS air	HAP	
Selenium		2.40E-05			NYS air	HAP	
Vanadium		2.30E-03			NYS air		
Zinc		2.90E-02			NYS air		

RBLC Review for Large Combined Cycle Turbines - CO

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (PPM)	Notes
	CPV Valley Energy Center	Wawayanda	NY	NA			2.0	
	Caitness Long Island Energy	New York	NY	NA			2.0	
	Brockton Clean Energy	Brockton	MA	NA			2.0	
*TX-0548	MADISON BELL ENERGY CENTER	Madison	TX	8/18/2009	BACT-PSD	Good combustion practices	17.5	
*TX-0547	LAMAR POWER PARTNERS II LLC	Lamar	TX	6/22/2009	BACT-PSD	Good combustion practices	15.0	
*TX-0546	PATTILLO BRANCH POWER PLANT	Fannin	TX	6/17/2009	BACT-PSD	Oxidation catalyst	2.0	
*NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	BACT-PSD	Oxidation catalyst	2.0	
FL-0303	FPL WEST COUNTY ENERGY CENTER UNIT 3	Palm Beach	FL	7/30/2008	BACT-PSD	Good combustion practices	6.0	24-hour standards
LA-0136	PLAQUEMINE COGENERATION FACILITY	Iberville	LA	7/23/2008	BACT-PSD	Good combustion practices	25.0	
CT-0151	KLEEN ENERGY SYSTEMS, LLC	Middlesex	CT	2/25/2008	BACT-PSD	CO Catalyst	0.9	1.7 PPMVD @ 15 % O2 with duct burning
*VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	BACT-PSD	Oxidation catalyst	1.3	Without power augmentation
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	BACT-PSD	Oxidation catalyst	4.0	
MI-0366	BERRIEN ENERGY, LLC	Berrien	MI	4/13/2005	BACT-PSD	Oxidation catalyst	2.0	4.0 PPMVD PER TURBINE/DUCT BURNER SET
OR-0039	COB ENERGY FACILITY, LLC	Klamath	OR	12/30/2003	BACT-PSD	Oxidation catalyst	2.0	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	Maricopa	AZ	11/12/2003	BACT-PSD	Oxidation catalyst	3.0	
CA-1096	VERNON CITY LIGHT & POWER	Los Angeles	CA	5/27/2003	BACT-PSD	SCR, Oxidation catalyst	2.0	
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	Los Angeles	CA	5/27/2003	BACT-PSD	SCR, Oxidation catalyst	2.0	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	4/17/2003	BACT-PSD	Oxidation catalyst	2.0	
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	Effingham	GA	4/17/2003	BACT-PSD	Oxidation catalyst	2.0	
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	Other	Oxidation catalyst	2.0	
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	Other	CO Catalyst	2.0	
GA-0102	WANSLEY COMBINED CYCLE ENERGY FACILITY	Heard	GA	1/15/2002	BACT-PSD	Good combustion practices	2.0	
ID-0010	MIDDLETON FACILITY	Canyon	ID	10/19/2001	BACT-PSD	None	5.0	2.0000 PPM @ 15% O2 W/ DB
WA-0288	LONGVIEW ENERGY DEVELOPMENT	Cowlitz	WA	9/4/2001	Other	Oxidation catalyst	2.0	
NJ-0058	PSEG FOSSIL LLC LINDEN GENERATING STATION	Union	NJ	8/24/2001	BACT-PSD	Oxidation catalyst	2.0	
NJ-0059	COGEN TECHNOLOGIES LINDEN VENTURE, L.P	Union	NJ	5/9/2001	Other	Oxidation catalyst	2.0	
WA-0302	GOLDENDALE ENERGY PROJECT	Klickitat	WA	2/23/2001	BACT-PSD	Oxidation catalyst	2.0	
NV-0034	LAS VEGAS COGENERATION FACILITY	Clark	NV	11/13/2000	BACT-PSD	Oxidation catalyst	2.0	
MA-0027	CABOT POWER CORPORATION	Suffolk	MA	5/7/2000	BACT-PSD	Oxidation catalyst	2.0	

RBLC Review for Large Combined Cycle Turbines - NO_x

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (PPM)	Notes
	CPV Valley Energy Center	Wawayanda	NY	NA	LAER		2.0	
	Caitness Long Island Energy	New York	NY	NA	LAER		2.0	
	Brockton Clean Energy	Brockton	MA	NA			2.0	
*TX-0548	MADISON BELL ENERGY CENTER	Madison	TX	8/18/2009	BACT-PSD	SCR	2.0	
*TX-0547	LAMAR POWER PARTNERS II LLC	Lamar	TX	6/22/2009	BACT-PSD	SCR	2.0	
*TX-0546	PATTILLO BRANCH POWER PLANT	Fannin	TX	6/17/2009	BACT-PSD	SCR	2.0	
*NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	LAER	SCR, Water injection	2.0	
FL-0303	FPL WEST COUNTY ENERGY CENTER UNIT 3	Palm Beach	FL	7/30/2008	BACT-PSD	SCR	2.0	24-Hour standards
LA-0136	PLAQUEMINE COGENERATION FACILITY	Iberville	LA	7/23/2008	BACT-PSD	SCR	5.0	
CT-0151	KLEEN ENERGY SYSTEMS, LLC	Middlesex	CT	2/25/2008	LAER	DLN, SCR	2.0	
*VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	BACT-PSD	Premix, SCR	2.0	
NY-0098	ATHENS GENERATING PLANT	Greene	NY	1/19/2007	LAER	DLN, SCR, ammonia injection	2.0	
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	LAER	SCR	3.0	
NY-0100	EMPIRE POWER PLANT	Rensselaer	NY	6/23/2005	LAER	DLN, SCR	2.0	3.0000 PPMVD AT 15% O2 with duct burning
MI-0366	BERRIEN ENERGY, LLC	Berrien	MI	4/13/2005	BACT-PSD	DLN, SCR	2.5	
OR-0039	COB ENERGY FACILITY, LLC	Klamath	OR	12/30/2003	BACT-PSD	DLN, SCR	2.5	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	Maricopa	AZ	11/12/2003	BACT-PSD	SCR	2.0	
CA-1096	VERNON CITY LIGHT & POWER	Los Angeles	CA	5/27/2003	BACT-PSD	SCR, catalyst	2.0	
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	Los Angeles	CA	5/27/2003	BACT-PSD	SCR, catalyst	2.0	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	4/17/2003	BACT-PSD	DLN, SCR	2.0	
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	Effingham	GA	4/17/2003	BACT-PSD	DLN, SCR	2.5	
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	Other	SCR	2.5	
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	Other	SCR	2.5	
GA-0102	WANSLEY COMBINED CYCLE ENERGY FACILITY	Heard	GA	1/15/2002	BACT-PSD	DLN, SCR	3.0	
ID-0010	MIDDLETON FACILITY	Canyon	ID	10/19/2001	BACT-PSD	SCR, catalyst	3.0	3.5000 PPM @ 15% O2 W/ DB
WA-0288	LONGVIEW ENERGY DEVELOPMENT	Cowlitz	WA	9/4/2001	Other	SCR	2.5	
NJ-0058	PSEG FOSSIL LLC LINDEN GENERATING STATION	Union	NJ	8/24/2001	BACT-PSD	DLN, SCR	2.0	
NJ-0059	COGEN TECHNOLOGIES LINDEN VENTURE, L.P	Union	NJ	5/9/2001	BACT-PSD	DLN, SCR, ammonia injection	2.5	
WA-0302	GOLDENDALE ENERGY PROJECT	Klickitat	WA	2/23/2001	BACT-PSD	DLN, SCR	2.0	
NV-0034	LAS VEGAS COGENERATION FACILITY	Clark	NV	11/13/2000	BACT-PSD	SCR, ammonia injection	2.0	
MA-0027	CABOT POWER CORPORATION	Suffolk	MA	5/7/2000	LAER	DLN, SCR	2.0	

RBLC Review for Large Combined Cycle Turbines - SO₂

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (lb/MMBtu)	Notes
NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	Other	Clean fuels		5.6600 LB/H
OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009			0.0006	1.06 lb/hr
FL-0303	FPL WEST COUNTY ENERGY CENTER UNIT 3	Palm Beach	FL	7/30/2008	BACT-PSD	(P)		2.0000 GR S/100 SCF
LA-0136	PLAQUEMINE COGENERATION FACILITY	Iberville	LA	7/23/2008	BACT-PSD	Clean fuels	0.0142	40.7000 LB/H
CT-0151	KLEEN ENERGY SYSTEMS, LLC	Middlesex	CT	2/25/2008	BACT-PSD	(N)	0.0023	4.9 lb/hr
VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	N/A	Good combustion practices	0.0003	
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	BACT-PSD	Clean fuels	0.0043	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	4/17/2003	BACT-PSD	Low sulfur fuel	0.0030	
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	Other	Low sulfur fuel	0.0017	
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	Other	Low sulfur fuel	0.0040	
ID-0010	MIDDLETON FACILITY	Canyon	ID	10/19/2001	BACT-PSD	Low sulfur fuel	0.0031	W/ DB
WA-0288	LONGVIEW ENERGY DEVELOPMENT	Cowlitz	WA	9/4/2001	Other	Low sulfur fuel	0.0006	
NJ-0058	PSEG FOSSIL LLC LINDEN GENERATING STATION	Union	NJ	8/24/2001	BACT-PSD	(N)		2.0000 LB/H
NJ-0059	COGEN TECHNOLOGIES LINDEN VENTURE, L.P	Union	NJ	5/9/2001	Other	(N)	0.0010	
WA-0302	GOLDENDALE ENERGY PROJECT	Klickitat	WA	2/23/2001	BACT-PSD	Good combustion practices	0.0005	
NV-0034	LAS VEGAS COGENERATION FACILITY	Clark	NV	11/13/2000	BACT-PSD	Low sulfur fuel		0.3000 LB/H
MA-0027	CABOT POWER CORPORATION	Suffolk	MA	5/7/2000	BACT-PSD	Clean fuels	0.0022	

RBLC Review for Large Combined Cycle Turbines - PM₁₀

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (lb/MMBtu)	Notes
	Caithness Long Island Energy	New York	NY	NA			0.0055	0.0066 W/ DB
	CPV Valley Energy Center	Wawayanda	NY	NA			0.0073	
*NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	Other	Clean fuels	0.0094	18.6600 LB/H
OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009			0.0035	
LA-0136	PLAQUEMINE COGENERATION FACILITY	Iberville	LA	7/23/2008	BACT-PSD	Clean fuels	0.0116	33.5000 LB/H
LA-0224	ARSENAL HILL POWER PLANT	CADDO	LA	3/20/2008			0.0115	24.2 LB/HR
CT-0151	KLEEN ENERGY SYSTEMS, LLC	Middlesex	CT	2/25/2008	BACT-PSD	(N)	0.0052	11 LB/HR W/O DB15.2000 LB/H W/ DB
*VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	N/A	Good combustion practices	0.0130	
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	BACT-PSD	Clean fuels	0.0135	
NY-0100	EMPIRE POWER PLANT	Rensselaer	NY	6/23/2005			0.0063	
MI-0366	BERRIEN ENERGY, LLC	Berrien	MI	4/13/2005	BACT-PSD	Good combustion practices	0.0120	19 LB/HR W/O DOB28.9 LB/H W/ DB
OR-0039	COB ENERGY FACILITY, LLC	Klamath	OR	12/30/2003	BACT-PSD	Good combustion practices	0.0061	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	Maricopa	AZ	11/12/2003	BACT-PSD	(N)	0.0097	0.01103 LB/MMBTU W/DB
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	Effingham	GA	4/17/2003	BACT-PSD	Clean fuels, Good combustion practices	0.0090	
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	LAER	Natural gas	0.0080	
WA-0299	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	9/6/2002	BACT-PSD	Good combustion practices	0.0115	
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	BACT-PSD	None	0.0150	0.0170 LB/MMBTU W/ DB
GA-0102	WANSLEY COMBINED CYCLE ENERGY FACILITY	Heard	GA	1/15/2002	BACT-PSD	Good combustion practices	0.0110	
ID-0010	MIDDLETON FACILITY	Canyon	ID	10/19/2001	BACT-PSD	Pollution prevention	0.0093	0.00939 LB/MMBTU W/ DB
WA-0288	LONGVIEW ENERGY DEVELOPMENT	Cowlitz	WA	9/4/2001	Other	Good combustion practices		10 lb/hr
NJ-0058	PSEG FOSSIL LLC LINDEN GENERATING STATION	Union	NJ	8/24/2001	BACT-PSD	(N)	0.0127	21.0000 LB/H
NJ-0059	COGEN TECHNOLOGIES LINDEN VENTURE, L.P	Union	NJ	5/9/2001	BACT-PSD	(N)	0.0260	
MA-0027	CABOT POWER CORPORATION	Suffolk	MA	5/7/2000	BACT-PSD	Clean fuels	0.0120	

RBLC Review for Large Combined Cycle Turbines - PM_{2.5}

Cricket Valley Energy Center

0	Caithness Long Island Energy	New York	NY	NA			0.0073	0.0062 LB/MMBTU W/ DB
0	Brockton Clean Energy	Brockton	MA	NA			0.0055	0.0066 LB/MMBTU W/ DB
*NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	Other	Clean fuels		18.6600 LB/H
NY-0100	EMPIRE POWER PLANT	Rensselaer	NY	6/23/2005			0.0063	

RBLC Review for Large Combined Cycle Turbines - VOC

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (PPM)	Notes
	CPV Valley Energy Center	Wawayanda	NY	NA	LAER		0.7	1.8 PPM W/ DB
	Caithness Long Island Energy	New York	NY	NA				3.5 LB/H; 6.1 LB/H W/ DB
	Brockton Clean Energy	Brockton	MA	NA				1.0 LB/H; 2.5 LB/H W/ DB
*TX-0548	MADISON BELL ENERGY CENTER	Madison	TX	8/18/2009	BACT-PSD	Good combustion practices	2.5	
*TX-0547	LAMAR POWER PARTNERS II LLC	Lamar	TX	6/22/2009	BACT-PSD	Good combustion practices	4.0	
*TX-0546	PATTILLO BRANCH POWER PLANT	Fannin	TX	6/17/2009	BACT-PSD	Oxidation catalyst	2.0	
*NJ-0074	WEST DEPTFORD ENERGY	Gloucester	NJ	5/6/2009	LAER	Oxidation catalyst, Good combustion practices	1.9	
FL-0303	FPL WEST COUNTY ENERGY CENTER UNIT 3	Palm Beach	FL	7/30/2008	BACT-PSD	(N)	1.2	
CT-0151	KLEEN ENERGY SYSTEMS, LLC	Middlesex	CT	2/25/2008	BACT-PSD	(N)	5.0	
*VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	N/A	Oxidation catalyst	0.7	1.0000 PPMVD WITH DUCT BURNER, 1.4000 PPMVD WITH DUCT BURNER AND POWER AUGMENTATION
NY-0098	ATHENS GENERATING PLANT	Greene	NY	1/19/2007	LAER	Good combustion practices	4.0	
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	LAER	Oxidation catalyst	3.0	
NY-0100	EMPIRE POWER PLANT	Rensselaer	NY	6/23/2005	LAER	Oxidation catalyst	1.0	7.0000 PPMVD AT 15 % O2 with duct burning
MI-0366	BERRIEN ENERGY, LLC	Berrien	MI	4/13/2005	BACT-PSD	Oxidation catalyst	1.6	16 LB/H W/ DUCT BURNING
OR-0039	COB ENERGY FACILITY, LLC	Klamath	OR	12/30/2003	BACT-PSD	Oxidation catalyst, Good combustion practices	2.4	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	Maricopa	AZ	11/12/2003	BACT-PSD	(N)	4.0	
CA-1096	VERNON CITY LIGHT & POWER	Los Angeles	CA	5/27/2003	BACT-PSD	SCR, Oxidation catalyst	2.0	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	4/17/2003	BACT-PSD	Good combustion practices	5.2	
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	Effingham	GA	4/17/2003	BACT-PSD	Oxidation catalyst	2.0	
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	Other	Good combustion practices	5.0	
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	Other	CO Catalyst	1.0	1.7000 PPMVD @ 15% O2 with duct burner
GA-0102	WANSLEY COMBINED CYCLE ENERGY FACILITY	Heard	GA	1/15/2002	BACT-PSD	Good combustion practices	2.0	
ID-0010	MIDDLETON FACILITY	Canyon	ID	10/19/2001	BACT-PSD	None	1.8	3.8 PPM W/ DB
WA-0288	LONGVIEW ENERGY DEVELOPMENT	Cowlitz	WA	9/4/2001	Other	Good combustion practices	1.9	
NJ-0058	PSEG FOSSIL LLC LINDEN GENERATING STATION	Union	NJ	8/24/2001	LAER	Oxidation catalyst		2.1000 LB/H
NJ-0059	COGEN TECHNOLOGIES LINDEN VENTURE, LP	Union	NJ	5/9/2001	Other	(N)	1.2	
WA-0302	GOLDENDALE ENERGY PROJECT	Klickitat	WA	2/23/2001	BACT-PSD	Oxidation catalyst, Good combustion practices	6.0	
NV-0034	LAS VEGAS COGENERATION FACILITY	Clark	NV	11/13/2000	BACT-PSD	Oxidation catalyst		2.0000 LB/H
MA-0027	CABOT POWER CORPORATION	Suffolk	MA	5/7/2000	BACT-PSD	Oxidation catalyst	1.0	

RBLC Review for Large Combined Cycle Turbines - H₂SO₄

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Basis	Control	Limit (lb/MMBtu)
*VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	N/A	Good combustion practices	0.00010
NJ-0066	AES RED OAK LLC	Middlesex	NJ	2/16/2006	BACT-PSD	Low sulfur fuel	0.00270
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	Whatcom	WA	4/17/2003	BACT-PSD	Low sulfur fuel	0.00062
WA-0291	WALLULA POWER PLANT	Walla Walla	WA	1/3/2003	Other	Natural gas	0.00073
NJ-0043	LIBERTY GENERATING STATION	Union	NJ	3/28/2002	Other	None	0.00243
WA-0302	GOLDENDALE ENERGY PROJECT	Klickitat	WA	2/23/2001	Other	Good combustion practices	0.00010

RBLC Review for Auxiliary Boiler - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	35.4	Other	COMMERCIAL BOILER	0.0073
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	33.48	Other	COMMERCIAL BOILER	0.0075
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	31.38	Other	COMMERCIAL BOILER	0.0172
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.8	Other	COMMERCIAL BOILER	0.0173
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	24	Other	COMMERCIAL BOILER	0.037
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	8.37	Other	COMMERCIAL BOILER	0.037
* NV-0049	HARRAHS OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	14.34	Other	COMMERCIAL BOILER	0.0705
OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009		33.5	N/A	AUX BOILER	0.15
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	93	BACT	AUX BOILER	0.02
* OH-0323	TITAN TIRE CORPORATION OF BRYAN	Williams	OH	6/5/2008	Draft	50.4	BACT	BOILER	0.082
* VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	Draft	97	N/A	AUX BOILER	0.036
* AL-0230	THYSSENKRUPP STEEL AND STAINLESS USA, LLC	Mobile	AL	8/17/2007	Draft	64.9	BACT	BOILERS	0.04
OH-0309	TOLEDO SUPPLIER PARK- PAINT SHOP	Lucas	OH	5/3/2007		20.4	BACT	INDUSTRIAL BOILERS	0.083
FL-0285	PROGRESS BARTOW POWER PLANT	Pinellas	FL	1/26/2007	Operational	99	BACT	AUX BOILER	0.08
FL-0286	FPL WEST COUNTY ENERGY CENTER	Palm Beach	FL	1/10/2007	Not constructed	99.8	BACT	AUX BOILER	0.08
NV-0044	HARRAHS OPERATING COMPANY, INC.	Clark	NV	1/4/2007		35.4	BACT	INDUSTRIAL BOILERS	0.036
TX-0501	TEXSTAR GAS PROCESS FACILITY	Henderson	TX	7/11/2006		93	BACT	INDUSTRIAL BOILERS	0.076
CA-1127	GENENTECH, INC.	San Mateo	CA	9/27/2005		97	BACT	COMMERCIAL BOILER	50.0000 PPMVD @ 3% O2
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.037
OH-0252	DUKE ENERGY HANGING ROCK	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.037
WI-0227	PORT WASHINGTON GENERATING STATION	Washington	WI	10/13/2004	Operational	97.1	BACT	AUX BOILER	0.08
WI-0226	WPS - WESTON PLANT	Marathon	WI	8/27/2004	Operational	46.2	N/A	BOILER	0.036
MN-0053	FAIRBAULT ENERGY PARK	Rice	MN	7/15/2004	Operational	40	BACT	AUX BOILER	0.084
IA-0062	EMERY GENERATING STATION	Cerro Gordo	IA	12/20/2002	Operational	68	Other	AUX BOILER	0.0164
WA-0292	SATSOP COMBUSTION TURBINE PROJECT	Grays Harbor	WA	10/23/2001		29.3	BACT	AUX BOILER	0.037
NM-0042	DEMING ENERGY FACILITY	Luna	NM	12/29/2000		44.1	BACT	AUX BOILER	0.022

RBLC Review for Auxiliary Boiler - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	24	BACT	COMMERCIAL BOILER	0.0108
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.8	BACT	COMMERCIAL BOILER	0.03
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	31.38	BACT	COMMERCIAL BOILER	0.0306
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	35.4	BACT	COMMERCIAL BOILER	0.035
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	14.34	BACT	COMMERCIAL BOILER	0.0353
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	33.48	BACT	COMMERCIAL BOILER	0.0367
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	8.37	BACT	COMMERCIAL BOILER	0.0146
* NH-0015	CONCORD STEAM CORPORATION	Merrimack	NH	2/27/2009	Draft	76.8	LAER	AUX BOILER (<700 hours/yr)	0.049
* OK-0135	PRYOR PLANT CHEMICAL	Mayes	OK	2/23/2009	Draft	80	BACT	BOILERS	0.05
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	33.5	BACT	AUX BOILER	0.07
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	93	LAER	AUX BOILER	0.011
OH-0323	TITAN TIRE CORPORATION OF BRYAN	Williams	OH	6/5/2008		50.4	BACT	BOILER	0.049
* MD-0037	MEDIMMUNE FREDERICK CAMPUS	Frederick	MD	1/28/2008		29.4	LAER	BOILERS	0.011
* VA-038	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	Draft	97	N/A	AUX BOILER	0.011
OH-0309	TOLEDO SUPPLIER PARK- PAINT SHOP	Lucas	OH	5/3/2007		20.4	LAER	INDUSTRIAL BOILERS	0.035
FL-0286	FPL WEST COUNTY ENERGY CENTER	Palm Beach	FL	1/10/2007	Not constructed	99.8	BACT	AUX BOILER	0.05
NV-0044	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	1/4/2007		35.4	BACT	INDUSTRIAL BOILERS	0.035
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.035
WI-0226	WPS - WESTON PLANT	Marathon	WI	8/27/2004	Operational	46.2	N/A	BOILER	0.036
NV-0037	COPPER MOUNTAIN POWER	Clark	NV	5/14/2004	Not constructed	60	BACT	AUX BOILER	0.035
OK-0055	MUSTANG ENERGY PROJECT	Canadian	OK	2/12/2002	Operational	31	Other	AUX BOILER	0.01
NM-0042	DEMING ENERGY FACILITY	Luna	NM	12/29/2000		44.1	BACT	AUX BOILER	0.03
CA-0946	LACORR PACKAGING	Los Angeles	CA	7/12/2000		21	LAER	BOILER	0.009
CA-0940	NATION WIDE BOILER	Alameda	CA	3/15/2000		28.8	LAER	BOILER, PORTABLE	0.011
CA-1006	HI-COUNTRY	Riverside	CA	12/16/1999		20.9	BACT	BOILER	0.01

RBLC Review for Auxiliary Boiler - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	33.48	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	35.4	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	31.83	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	14.34	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	24	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	8.37	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.7	Other	COMMERCIAL BOILER	0.0006
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.8	Other	COMMERCIAL BOILER	0.0042
* OK-0135	PRYOR PLANT CHEMICAL	Mayes	OK	2/23/2009	Draft	80	BACT	BOILERS	0.0025
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	33.5	N/A	AUX BOILER	0.0009
* VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	Draft	97	N/A	AUX BOILER	0.003
OH-0309	TOLEDO SUPPLIER PARK- PAINT SHOP	Lucas	OH	5/3/2007		20.4	BACT	INDUSTRIAL BOILERS	0.0006
FL-0286	FPL WEST COUNTY ENERGY CENTER	Palm Beach	FL	1/10/2007	Not constructed	99.8	BACT	AUX BOILER	2 GS/100 SCF
NV-0044	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	1/4/2007		35.4	BACT	INDUSTRIAL BOILERS	0.001
* NY-0095	CAITHNES BELLPORT ENERGY CENTER	Suffolk	NY	5/10/2006	Draft	29.4	BACT	AUX BOILER	0.0005
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.001
AZ-0047	WELLTON MOHAWK GENERATING STATION	Yuma	AZ	12/1/2004	Not constructed	38	BACT	AUX BOILER	0.0023
WI-0227	PORT WASHINGTON GENERATING STATION	Washington	WI	10/13/2004	Operational	97.1	BACT	AUX BOILER	0.0006
AR-0077	BLUEWATER PROJECT	Mississippi	AR	7/22/2004		22	BACT	BOILERS	0.0006
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	70	BACT	COMMERCIAL BOILER	0.001
IN-0108	NUCOR STEEL	Montgomery	IN	11/21/2003		34	BACT	BOILER	0.0006
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003	Operational	30.6	BACT	BOILER	0.001
IA-0062	EMERY GENERATING STATION	Cerro Gordo	IA	12/20/2002	Operational	68	Other	AUX BOILER	0.0006
VA-0255	VA POWER - POSSUM POINT	Prince William	VA	11/18/2002	Operational	99	Other	AUX BOILER	0.001
IN-0095	ALLEGHENY ENERGY SUPPLY CO. LLC	St. Joseph	IN	12/7/2001	Not constructed	21	BACT	AUX BOILER	0.0006
OH-0251	CENTRAL SOYA COMPANY INC.	Huron	OH	11/29/2001		91.2	BACT	BOILER	0.0006
OK-0071	MCCLAIN ENERGY FACILITY	McClain	OK	10/25/2001	Operational	22	BACT	AUX BOILER	0.001
OH-0265	DRESDEN ENERGY LLC	Muskingum	OH	10/16/2001	Not constructed	49	BACT	BOILER	0.001
IN-0087	DUKE ENERGY, VIGO LLC	Vigo	IN	6/6/2001	Not constructed	46	BACT	AUX BOILER	0.0006
IN-0086	MIRANT SUGAR CREEK, LLC	Vigo	IN	5/9/2001	Operational	35	BACT	AUX BOILER	0.0006
OH-0255	AEP WATERFORD ENERGY LLC	Washington	OH	3/29/2001	Operational	85.2	BACT	BOILER	0.0006
AL-0168	GENPOWER KELLEY LLC	Walker	AL	1/12/2001	Not constructed	83	BACT	BOILER	0.001

RBLC Review for Auxiliary Boiler - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	33.48	Other	COMMERCIAL BOILER	0.0075
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	14.34	Other	COMMERCIAL BOILER	0.0075
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	8.37	Other	COMMERCIAL BOILER	0.0075
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	24	Other	COMMERCIAL BOILER	0.0075
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	35.4	Other	COMMERCIAL BOILER	0.0076
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	31.38	Other	COMMERCIAL BOILER	0.0076
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	21	Other	COMMERCIAL BOILER	0.0076
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.8	Other	COMMERCIAL BOILER	0.0077
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	21	Other	COMMERCIAL BOILER	0.0078
* OK-0135	PRYOR PLANT CHEMICAL	Mayes	OK	2/23/2009	Draft	80	BACT	BOILERS	0.0063
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	93	BACT	AUX BOILER	0.005
OH-0323	TITAN TIRE CORPORATION OF BRYAN	Williams	OH	6/5/2008		50.4	N/A	BOILER	0.0019
OH-0309	TOLEDO SUPPLIER PARK- PAINT SHOP	Lucas	OH	5/3/2007		20.4	BACT	INDUSTRIAL BOILERS	0.0075
FL-0286	FPL WEST COUNTY ENERGY CENTER	Palm Beach	FL	1/10/2007	Not constructed	99.8	BACT	AUX BOILER	2.0000 G S/100 SCF GAS
NV-0044	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	1/4/2007		35.4	BACT	INDUSTRIAL BOILERS	0.0075
* NY-0095	CAITHNES BELLPORT ENERGY CENTER	Suffolk	NY	5/10/2006	Draft	29.4	BACT	AUX BOILER	0.0033
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.01
AZ-0047	WELLTON MOHAWK GENERATING STATION	Yuma	AZ	12/1/2004	Not constructed	38	BACT	AUX BOILER	0.0033
WI-0228	WPS - WESTON PLANT	Marathon	WI	10/19/2004	Operational	229.8	BACT	AUX BOILER	0.0075
OR-0040	KLAMATH GENERATION, LLC	Klamath	OR	3/12/2003		(50000 LB/H)	BACT	AUX BOILER	0.0042

RBLC Review for Auxiliary Boiler - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	35.4	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	33.48	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	31.38	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	16.8	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	8.37	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	24	Other	COMMERCIAL BOILER	0.0054
* NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	14.34	Other	COMMERCIAL BOILER	0.0054
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	93	LAER	AUX BOILER	0.002
VA-0308	WARREN COUNTY FACILITY	Warren	VA	1/14/2008	Not constructed	97	N/A	AUX BOILER	0.005979381
OH-0309	TOLEDO SUPPLIER PARK- PAINT SHOP	Lucas	OH	5/3/2007		20.4	LAER	INDUSTRIAL BOILERS	0.0054
MS-0085	Dart Container Corporation	Clarke	MS	1/31/2007		33.5	BACT	NATURAL GAS FIRED BOILER	0.0055
NV-0044	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	1/4/2007		35.4	BACT	INDUSTRIAL BOILERS	0.005
OH-0252	DUKE ENERGY HANGING ROCK	Lawrence	OH	12/28/2004	Operational	30.6	BACT	BOILERS	0.016
AZ-0047	WELLINGTON MOHAWK GENERATING STATION	Yuma	AZ	12/1/2004	Not constructed	38	BACT	AUX BOILER	0.0033
WI-0227	PORT WASHINGTON GENERATING STATION	Washington	WI	10/13/2004	Operational	97.1	BACT	AUX BOILER	0.00545829
IN-0108	NUCOR STEEL	Montgomery	IN	11/21/2003		34	BACT	INDUSTRIAL BOILERS	0.0026
GA-0098	RINCON POWER PLANT	Effingham	GA	3/24/2003	Not constructed	83	Other	AUX BOILER	0.004
IA-0062	EMERY GENERATING STATION	Cerro Gordo	IA	12/20/2002	Operational	68	Other	AUX BOILER	0.0054
VA-0255	VA POWER - POSSUM POINT	Prince William	VA	11/18/2002	Operational	99	Other	AUX BOILER	0.004
NC-0094	GENPOWER EARLEYS, LLC	Hertford	NC	1/9/2002	Not constructed	83	BACT	AUX BOILER	0.0054
IN-0095	ALLEGHENY ENERGY SUPPLY CO. LLC	St. Joseph	IN	12/7/2001	Not constructed	21	BACT	AUX BOILER	0.0054
AL-0179	TENASKA TALLADEGA GENERATING STATION	Talladega	AL	10/3/2001	Not constructed	30	BACT	AUX BOILER	0.004
IN-0087	DUKE ENERGY, VIGO LLC	Vigo	IN	6/6/2001	Not constructed	46	BACT	AUX BOILER	0.0054
OK-0046	THUNDERBIRD POWER PLT	Cleveland	OK	5/17/2001	Not constructed	20	BACT	AUX BOILER	0.005
IN-0086	MIRANT SUGAR CREEK, LLC	Vigo	IN	5/9/2001	Operational	35	BACT	AUX BOILER	0.0054
OH-0255	AEP WATERFORD ENERGY LLC	Washington	OH	3/29/2001	Operational	85.2	BACT	AUX BOILER	0.0041

RBLC Review for Auxiliary Boiler - CO

Cricket Valley Energy Center

Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Notes	Limit (LB/MMBTU)
CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	93	BACT	AUX BOILER	0.0001
WPS - WESTON PLANT	Marathon	WI	10/19/2004	Operational	229.8	BACT	natural gas heaters	0.0001 lb/MMBtu
MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	70	BACT	BOILER	0.8 G S/100 SCF GAS

RBLC Review for Small Diesel Engines - CO

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (HP)	Basis	Description	Limit (G/HP-H)	Notes
LA-0204	PLAQUEMINE PVC PLANT	Iberville	LA	2/27/2009		180 to 540	BACT	SMALL EMERGENCY ENGINES		0.95 lb/MMBtu
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	267	BACT	EMERGENCY FIRE PUMP	2.6	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	300	BACT	FIRE PUMP ENGINES	2.6	
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	300	BACT	EMERGENCY FIRE WATER PUMP	2.6	
LA-0224	ARSENAL HILL POWER PLANT	Caddo	LA	3/20/2008	Operational	310	BACT	DFP DIESEL FIRE PUMP	3	
* NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	317	Other	SMALL INTERNAL COMBUSTION ENGINES	0.5	
CA-1144	BLYTHE ENERGY PROJECT II	Riverside	CA	4/25/2007	Operational	303	BACT	FIRE PUMP	1	
* IA-0084	ADM POLYMERS	Clinton	IA	11/30/2006	Draft	460	BACT	FIRE PUMP ENGINE	2.6	
AZ-0051	DRAKE	Yavapai	AZ	4/12/2006	Not constructed	282	BACT	EMERGENCY GENERATOR	2.6	
OK-0110	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/21/2005		Not given	Unspecified	EMERGENCY GENERATORS	3	
OK-0111	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/14/2005		Not given	BACT	EMERGENCY GENERATORS	3	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY GENERATOR	2.05	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY FIREWATER PUMP	2.05	
LA-0192	CRESCENT CITY POWER	Orleans	LA	6/6/2005	Not constructed	425	BACT	DIESEL FIRED WATER PUMP	2.01	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	265	BACT	FIRE WATER PUMP	3	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	670	BACT	BACKUP GENERATORS	8.5	
* LA -0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	300	BACT	FIREWATER BOOSTER PUMP DIESEL ENGINES	0.27	Annual average
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	290	BACT	INTERNAL COMBUSTION ENGINE, SMALL	0.25	
CA-1073	LOS ANGELES COUNTY PROBATION/FAC PLANNING/ISD	Los Angeles	CA	8/14/2003		240	BACT	ICE: FIRE PUMP, COMPRESSION IGNITION	0.44	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003	Operational	400	BACT	EMERGENCY DIESEL FIRE PUMP ENGINE	1	
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	Stephens	OK	3/21/2003	Not constructed	265	BACT	IC ENGINE, FIRE WATER PUMP	1.09	

RBLC Review for Small Diesel Engines - NO_x

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Description	Limit (G/HP-H)	Notes
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	267	BACT	EMERGENCY FIRE PUMP	7.8	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	300	BACT	FIRE PUMP ENGINES	7.8	
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	300	BACT	EMERGENCY FIRE WATER PUMP	3	
LA-0224	ARSENAL HILL POWER PLANT	Caddo	LA	3/20/2008	Operational	310	BACT	DFF DIESEL FIRE PUMP	14.1	
* NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	317	BACT	SMALL INTERNAL COMBUSTION ENGINES	3.88	
CA-1144	BLYTHE ENERGY PROJECT II	Riverside	CA	4/25/2007	Operational	303	BACT	FIRE PUMP	11.2	
AZ-0051	DRAKE	Yavapai	AZ	4/12/2006	Not constructed	282	BACT	EMERGENCY GENERATOR	3	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY GENERATOR	7.7	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY FIREWATER PUMP	7.7	
LA-0192	CRESCENT CITY POWER	Orleans	LA	6/6/2005	Not constructed	425	BACT	DIESEL FIRED WATER PUMP	9.5	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	500 KW, 670 HP	BACT	BACKUP GENERATORS	6.9	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	265	BACT	FIRE WATER PUMP	14	
* LA -0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	300	BACT	FIREWATER BOOSTER PUMP DIESEL ENGINES	5.2	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	290	BACT	INTERNAL COMBUSTION ENGINE, SMALL	5.7	
CA-1073	LOS ANGELES COUNTY PROBATION/FAC PLANNING/ISD	Los Angeles	CA	8/14/2003		240	BACT	ICE: FIRE PUMP, COMPRESSION IGNITION	4.2	
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	Stephens	OK	3/21/2003	Not constructed	265	BACT	IC ENGINE, FIRE WATER PUMP	4.97	
NJ-0044	MANTUA CREEK GENERATING FACILITY	Gloucester	NJ	6/26/2001	Not constructed		N/A	DIESEL FIRE PUMP		2.2000 LB/MMBTU

RBLC Review for Small Diesel Engines - SO₂

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Description	Limit (G/HP-H)	Notes
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	267	BACT	EMERGENCY FIRE PUMP	0.19	Low sulfur diesel (0.11 lb/hr)
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	300	BACT	EMERGENCY FIRE WATER PUMP		ultra low sulfur diesel
LA-0224	ARSENAL HILL POWER PLANT	Caddo	LA	3/20/2008	Operational	310	BACT	DFP DIESEL FIRE PUMP	0.94	Low sulfur diesel (0.64 lb/hr)
* NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	317	BACT	SMALL INTERNAL COMBUSTION ENGINES	0.99	0.05% sulfur diesel
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY GENERATOR	0.5800 LB/H	0.5800 LB/H
LA-0192	CRESCENT CITY POWER	Orleans	LA	6/6/2005	Not constructed	425	BACT	DIESEL FIRED WATER PUMP	0.65	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	500 KW, 670 HP	BACT	BACKUP GENERATORS	0.18	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	265	BACT	FIRE WATER PUMP	0.16	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	290	BACT	INTERNAL COMBUSTION ENGINE, SMALL	0.14	
NJ-0044	MANTUA CREEK GENERATING FACILITY	Gloucester	NJ	6/26/2001	Not constructed		N/A	DIESEL FIRE PUMP	0.05 LB/MMBTU	0.05 LB/MMBTU

RBLC Review for Small Diesel Engines - PM₁₀

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Description	Limit (G/HP-H)	Notes
LA-0204	PLAQUEMINE PVC PLANT	Iberville	LA	2/27/2009		180 to 540	BACT	SMALL EMERGENCY ENGINES		0.31 LB/MMBTU
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	267	BACT	EMERGENCY FIRE PUMP	0.4	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	300	BACT	FIRE PUMP ENGINES	0.4	
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	300	LAER	EMERGENCY FIRE WATER PUMP	0.15	
LA-0224	ARSENAL HILL POWER PLANT	Caddo	LA	3/20/2008	Operational	310	BACT	DFP DIESEL FIRE PUMP	0.99	
* NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	317	Other	SMALL INTERNAL COMBUSTION ENGINES	0.14	
CA-1144	BLYTHE ENERGY PROJECT II	Riverside	CA	4/25/2007	Operational	303	BACT	FIRE PUMP	0.15	
AZ-0051	DRAKE	Yavapai	AZ	4/12/2006	Not constructed	282	BACT	EMERGENCY GENERATOR	0.15	
OK-0110	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/21/2005		Not given	Unspecified	EMERGENCY GENERATORS	0.99	
OK-0111	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/14/2005		Not given	BACT	EMERGENCY GENERATORS	0.99	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed			EMERGENCY GENERATOR	1.14 LB/H	
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY FIREWATER PUMP	1.14 LB/H	
LA-0192	CRESCENT CITY POWER	Orleans	LA	6/6/2005	Not constructed	425	BACT	DIESEL FIRED WATER PUMP	0.15	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	500 KW, 670 HP	BACT	BACKUP GENERATORS	0.4	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	265	BACT	FIRE WATER PUMP	1.1	
* LA -0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	300	BACT	FIREWATER BOOSTER PUMP DIESEL ENGINES	0.09	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	290	BACT	INTERNAL COMBUSTION ENGINE, SMALL	0.07	
CA-1073	LOS ANGELES COUNTY PROBATION/FAC PLANNING/ISD	Los Angeles	CA	8/14/2003		240	BACT	ICE: FIRE PUMP, COMPRESSION IGNITION	0.14	
NJ-0044	MANTUA CREEK GENERATING FACILITY	Gloucester	NJ	6/26/2001	Not constructed		N/A	DIESEL FIRE PUMP	0.17 LB/MMBTU	

RBLC Review for Small Diesel Engines - VOC

Cricket Valley Energy Center

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (MMBTU/H)	Basis	Description	Limit (G/HP-H)
* OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	267	BACT	EMERGENCY FIRE PUMP	1.12
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	300	BACT	FIRE PUMP ENGINES	7.8
MD-0040	CPV ST CHARLES	Charles	MD	11/12/2008	Not constructed	300		EMERGENCY FIRE WATER PUMP	3
LA-0224	ARSENAL HILL POWER PLANT	Caddo	LA	3/20/2008	Operational	310	BACT	DFF DIESEL FIRE PUMP	1.13
* NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	317	Other	SMALL INTERNAL COMBUSTION ENGINES	0.14
* IA-0084	ADM POLYMERS	Clinton	IA	11/30/2006	Draft	460	BACT	FIRE PUMP ENGINE	3
OK-0110	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/21/2005		Not given	Unspecified	EMERGENCY GENERATORS	1.13
OK-0111	MUSKOGEE PORCELAIN FLOOR TILE PLT	Muskogee	OK	10/14/2005		Not given	BACT	EMERGENCY GENERATORS	1.13
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY GENERATOR	1.0400 LB/H
NC-0101	FORSYTH ENERGY PLANT	Forsyth	NC	9/29/2005	Not constructed		BACT	EMERGENCY FIREWATER PUMP	1.0400 LB/H
LA-0192	CRESCENT CITY POWER	Orleans	LA	6/6/2005	Not constructed	425		DIESEL FIRED WATER PUMP	0.05
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	500 KW, 670 HP	BACT	BACKUP GENERATORS	0.75
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	Lawrence	OH	12/28/2004	Operational	265	BACT	FIRE WATER PUMP	1.1
* LA -0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	300	BACT	FIREWATER BOOSTER PUMP DIESEL ENGINES	0.15
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	290	BACT	INTERNAL COMBUSTION ENGINE, SMALL	0.08
NJ-0044	MANTUA CREEK GENERATING FACILITY	Gloucester	NJ	6/26/2001	Not constructed		N/A	DIESEL FIRE PUMP	0.07 LB/MMBTU

RBLC Review for Large Diesel Engines - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (HP)	Basis	Description	Standardized Limit (G/HP-H)	RBLC Limit
*NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	1232	Other	LARGE INTERNAL COMBUSTION ENGINES	2.49	0.0055 LB/HP-H
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	1341	BACT	EMERGENCY DIESEL POWER GENERATOR ENGINES		0.6200 LB/H MAXIMUM
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	575	BACT	FIRE WATER DIESEL PUMPS		0.3700 LBS/HR MAXIMUM
AK-0066	ENDICOTT PRODUCTION FACILITY, LIBERTY DEVELOPMENT PROJECT	Prudhoe Bay	AK	6/15/2009		1041	BACT	CAMP ENGINE	2.6	
LA-0204	PLAQUEMINE PVC PLANT	Iberville	LA	2/27/2009		685 to 1709	BACT	LARGE EMERGENCY ENGINES		0.8500 LB/MMBTU
*OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	2200	BACT	EMERGENCY DIESEL GENERATOR	2.61	3.5000 G/KW-H
*FL-0310	SHADY HILLS GENERATING STATION	Pasco	FL	1/12/2009	Draft	3353	BACT	EMERGENCY GENERATOR	8.5	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	2922	BACT	EMERGENCY GENERATOR	2.61	3.5000 G/KW-H
*IA-0095	TATE & LYLE INDGREDIENTS AMERICAS, INC.	Webster	IA	9/19/2008	Draft	939	BACT	EMERGENCY GENERATOR	2.61	3.5000 G/KW-H
*NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	1350	Other	LARGE INTERNAL COMBUSTION ENGINES	0.22	
*VA-0305	INGENCO K&O FACILITY	Brunswick	VA	9/26/2007	Draft	550	N/A	ELECTRIC GENERATION	45.19	240.0000 T/YR
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		660	BACT	FIREWATER PUMP DIESEL ENGINE	0.21	0.3000 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		525	BACT	FIREWATER PUMP DIESEL ENGINE	1.38	1.6000 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		2168	BACT	DIESEL EMERGENCY GENERATOR	2.56	12.2400 LB/H
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		2012	BACT	EMERGENCY GENERATOR	2.6	
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		540	BACT	FIRE PUMP	2.6	
*MN-0071	FAIRBAULT ENERGY PARK	Rice	MN	6/5/2007	Draft	2347	BACT	EMERGENCY GENERATOR	2.49	0.0055 LB/HP-H
OK-0118	HUGO GENERATING STA	Choctaw	OK	2/9/2007	Operational	>500	BACT	EMERGENCY DIESEL INTERNAL COMBUSTION ENGINES		Low Sulfur Fuel - 0.5%
LA-0211	GARYVILLE REFINERY	St. John the Baptist	LA	12/27/2006		1341	BACT	EMERGENCY GENERATORS		0.0067 LB/HP-H ANNUAL AVERAGE (182 HR/YR)
NV-0045	SLOAN QUARRY	Clark	NV	12/11/2006		536	BACT	LARGE INTERNAL COMBUSTION ENGINE	38.08	45.0000 LB/H
KS-0028	NEARMAN CREEK POWER STATION	Wyandotte	KS	10/18/2005	Operational	24.10 MMBTU/H	BACT	EMERGENCY BLACK START GENERATOR		7.0100 LB/H
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		5.46 MMBTU/H	BACT	FIRE WATER PUMPS	2.61	3.5000 G/KW-H
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		10.90 MMBTU/H	BACT	EMERGENCY GENERATOR	2.61	3.5000 G/KW-H
* LA-0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	660	BACT	FIREWATER PUMP DIESEL ENGINES		0.0008 G/B-HP-H ANNUAL AVERAGE (500 HR/YR)
MN-0053	FAIRBAULT ENERGY PARK	Rice	MN	7/15/2004	Operational	670	BACT	IC ENGINE, LARGE, FUEL OIL	1.83	
WV-0023	MAIDSVILLE	Monongahela	WV	3/2/2004		1801	BACT	EMERGENCY GENERATOR	2.2	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	1850	BACT	INTERNAL COMBUSTION ENGINE	1	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003	Operational	805	BACT	EMERGENCY DIESEL-FIRED GENERATOR	8.6	
VA-0276	INGENCO - CHARLES CITY PLANT	Charles City	VA	6/20/2003	Not constructed	550	Other	IC ENGINES	10	
OK-0091	CARDINAL FG CO./CARDINAL GLASS PLANT	Bryan	OK	3/18/2003		2682	BACT	EMERGENCY GENERATORS		0.2020 LB/MMBTU
CA-0988	PACIFIC BELL	Sacramento	CA	2/1/2003		2935	LAER	IC ENGINES	8.5	
OH-0266	UNIVERSITY OF CINCINNATI	Hamilton	OH	8/15/2002		2922	BACT	DIESEL FIRED ENGINES	0.3	
OK-0070	GENOVA OK I POWER PROJECT	Grady	OK	6/13/2002	Not constructed	1006	BACT	BACKUP GENERATOR		0.3100 LB/MMBTU
IA-0058	GREATER DES MOINES ENERGY CENTER	Polk	IA	4/10/2002	Operational	939	BACT	EMERGENCY GENERATOR	1.38	
VT-0014	OKEMO MOUNTAIN INC.	Windsor	VT	9/5/2000		1480	Other	GENERATOR, FUEL OIL	0.6	

RBLC Review for Large Diesel Engines - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (HP)	Basis	Description	Standardized Limit (G/HP-H)	RBLC Limit
*NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	1232	BACT	LARGE INTERNAL COMBUSTION ENGINES	10.89	0.0240 LB/HP-H
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	1341	BACT	EMERGENCY DIESEL POWER GENERATOR ENGINES	5.78	17.0900 LB/H MAXIMUM
AK-0066	ENDICOTT PRODUCTION FACILITY, LIBERTY DEVELOPMENT PROJECT	Prudhoe Bay	AK	6/15/2009		1041	BACT	CAMP ENGINE	4.7	
*NH-0015	CONCORD STEAM CORPORATION	Merrimack	NH	2/27/2009	Draft	5.6 to 11.6 MMBtu/hr	LAER	EMERGENCY GENERATOR		1.9800 LB/MMBTU
LA-0204	PLAQUEMINE PVC PLANT	Iberville	LA	2/27/2009	Operational	685 to 1709	BACT	LARGE EMERGENCY ENGINES		3.2000 LB/MMBTU
*OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	2200	BACT	EMERGENCY DIESEL GENERATOR	4.77	6.4000 G/KW-H
*FL-0310	SHADY HILLS GENERATING STATION	Pasco	FL	1/12/2009	Draft	3353	BACT	EMERGENCY GENERATOR	6.9	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	2922	BACT	EMERGENCY GENERATOR	4.77	6.4000 G/KW-H
*IA-0095	TATE & LYLE INGREDIENTS AMERICAS, INC.	Webster	IA	9/19/2008	Draft	939	BACT	EMERGENCY GENERATOR	4.6	6.2000 G/KW-H
NJ-0073	TRIGEN	Mercer	NJ	3/8/2008		1.00 MMGAL/YR	RACT	DUAL FUEL ENGINES ON 100 % DISTILLATE FUEL OIL	12	12.0000 G/B-HP-H
*NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	1350	BACT	LARGE INTERNAL COMBUSTION ENGINES	7.58	
*MD-0037	MEDIMMUNE FREDERICK CAMPUS	Frederick	MD	1/28/2008	Draft	3604	LAER	EMERGENCY GENERATORS	6.06	
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		2168	BACT	DIESEL EMERGENCY GENERATOR	7.94	37.9500 LB/H
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		2012	BACT	EMERGENCY GENERATOR	4.5	
*MN-0071	FAIRBAULT ENERGY PARK	Rice	MN	6/5/2007	Draft	2347	BACT	EMERGENCY GENERATOR	10.89	0.0240 LB/HP-H
OK-0118	HUGO GENERATING STA	Choctaw	OK	2/9/2007	Operational	>500	BACT	EMERGENCY DIESEL INTERNAL COMBUSTION ENGINES		Low Sulfur Fuel - 0.5%
*AK-0064	DUTCH HARBOR POWER PLANT	Aleutians West Census Area	AK	1/31/2007	Draft	6705	BACT	I.C. WITH SCR -non emergency	1.01	1.3600 G/KW-H
*AK-0064	DUTCH HARBOR POWER PLANT	Aleutians West Census Area	AK	1/31/2007	Draft	7659	BACT	I.C.	10.14	13.6000 G/KW-H
LA-0211	GARYVILLE REFINERY	St. John the Baptist	LA	12/27/2006	Not constructed	1341	BACT	EMERGENCY GENERATORS		0.0310 LB/HP-H ANNUAL AVERAGE (182 HR/YR)
KS-0028	NEARMAN CREEK POWER STATION	Wyandotte	KS	10/18/2005	Operational	24.10 MMBTU/H	BACT	EMERGENCY BLACK START GENERATOR		84.8000 LB/H (
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		5.46 MMBTU/H	BACT	FIRE WATER PUMPS	2.98	4.0000 G/KW-H
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		10.90 MMBTU/H	BACT	EMERGENCY GENERATOR	4.77	6.4000 G/KW-H
WV-0023	MAIDSVILLE	Monongahela	WV	3/2/2004	Not constructed	1801	BACT	EMERGENCY GENERATOR	5.3	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	1850	BACT	INTERNAL COMBUSTION ENGINE	12.7	
AK-0059	USAF EARECKSON AIR STATION	Anchorage	AK	9/29/2003		4023	BACT	IC ENGINE, DIESEL - non emergency	1.09	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003	Operational	805	BACT	EMERGENCY DIESEL-FIRED GENERATOR	7	
CA-0988	PACIFIC BELL	Sacramento	CA	2/1/2003		2935	LAER	IC ENGINES	6.9	
PA-0209	ORCHARD PARK GENERATING STATION	Franklin	PA	11/8/2002	Operational	8086	Other	IC ENGINE, GENERATOR non-emergency	1.5	
OH-0266	UNIVERSITY OF CINCINNATI	Hamilton	OH	8/15/2002		2922	BACT	DIESEL FIRED ENGINES	7.1	
VT-0014	OKEMO MOUNTAIN INC.	Windsor	VT	9/5/2000		1480	Other	GENERATOR, FUEL OIL non-emergency	1.6	

RBLC Review for Large Diesel Engines - CO

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*NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	1232	BACT	LARGE INTERNAL COMBUSTION ENGINES	0.18	0.0004 LB/HP-H (low sulfur diesel)
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	1341	BACT	EMERGENCY DIESEL POWER GENERATOR ENGINES	0.0034	0.0100 LB/H MAXIMUM
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	575	BACT	FIRE WATER DIESEL PUMPS	0.0079	0.0100 LBS/HR MAXIMUM
AK-0066	ENDICOTT PRODUCTION FACILITY, LIBERTY DEVELOPMENT PROJECT	Prudhoe Bay	AK	6/15/2009		1041	BACT	CAMP ENGINE		15.0000 PPMW limit in fuel (ULSD)
*OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	2200	BACT	EMERGENCY DIESEL GENERATOR	0.18	0.8900 LB/H (low sulfur diesel)
*FL-0310	SHADY HILLS GENERATING STATION	Pasco	FL	1/12/2009	Draft	3353	BACT	EMERGENCY GENERATOR		0.0015 % S BY WEIGHT, ULSD
*IA-0095	TATE & LYLE INGREDIENTS AMERICAS, INC.	Webster	IA	9/19/2008	Draft	939	BACT	EMERGENCY GENERATOR	0.17	0.2300 G/KW-H
*NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	1350	BACT	LARGE INTERNAL COMBUSTION ENGINES	0.02	Low Sulfur Fuel - 0.05%
*VA-0305	INGENCO K&O FACILITY	Brunswick	VA	9/26/2007	Draft	550	N/A	ELECTRIC GENERATION	5.78	30.7000 T/YR
MN-0070	MINNESOTA STEEL INDUSTRIES, LLC	Itasca	MN	9/7/2007		>500	BACT	EMERGENCY POWER GENERATION - DIESEL		0.0500 % SULFUR BY WEIGHT IN FUEL
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		540	BACT	FIRE PUMP	0.17	
*MN-0071	FAIRBAULT ENERGY PARK	Rice	MN	6/5/2007	Draft	2347	BACT	EMERGENCY GENERATOR	0.18	0.0004 LB/HP-H
OK-0118	HUGO GENERATING STA	Choctaw	OK	2/9/2007	Operational	>500	BACT	EMERGENCY DIESEL INTERNAL COMBUSTION ENGINES		Low Sulfur Fuel - 0.5%
LA-0211	GARYVILLE REFINERY	St. John the Baptist	LA	12/27/2006		1341	BACT	EMERGENCY GENERATORS	0.0068	0.0200 MAX LB/H
NV-0045	SLOAN QUARRY	Clark	NV	12/11/2006		536	BACT	LARGE INTERNAL COMBUSTION ENGINE	22.09	26.1000 LB/H
KS-0028	NEARMAN CREEK POWER STATION	Wyandotte	KS	10/18/2005	Operational	24.10 MMBTU/H	BACT	EMERGENCY BLACK START GENERATOR		1.2000 LB/H
*AK-0062	BADAMI DEVELOPMENT FACILITY	North Slope Borough	AK	8/19/2005	Draft	1855	BACT	CUMMINS IC ENGINE GENERATOR		0.1500 % BY WT SULFUR IN FUEL OIL
MN-0053	FAIRBAULT ENERGY PARK	Rice	MN	7/15/2004	Not constructed	670	BACT	IC ENGINE, LARGE, FUEL OIL		0.0510 LB/MMBTU
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	1850	BACT	INTERNAL COMBUSTION ENGINE	0.59	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003		805	BACT	EMERGENCY DIESEL-FIRED GENERATOR	0.23	
VA-0276	INGENCO - CHARLES CITY PLANT	Charles City	VA	6/20/2003	Not constructed	550	RACT	IC ENGINES	1.5	
CA-0988	PACIFIC BELL	Sacramento	CA	2/1/2003		2935	LAER	IC ENGINES	0.16	
WI-0174	BADGER GENERATING CO LLC	Kenosha	WI	9/20/2000	Operational	3.80 MMBTU/H	BACT	EMERGENCY FIRE PUMP	1.4	
SC-0064	SCE&G - JASPER COUNTY GENERATING FACILITY	Jasper	SC	2/23/2002	Operational	2682	BACT	GENERATOR, EMERGENCY	0.15	0.9000 LB/H

RBLC Review for Large Diesel Engines - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (HP)	Basis	Description	Standardized Limit (G/HP-H)	RBLC Limit
*NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	1232	Other	LARGE INTERNAL COMBUSTION ENGINES	0.32	0.0007 LB/HP-H
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	1341	BACT	EMERGENCY DIESEL POWER GENERATOR ENGINES	0.02	0.0600 LB/H MAXIMUM
*LA-0231	LAKE CHARLES GASIFICATION FACILITY	Calcasieu	LA	6/22/2009	Draft	575	BACT	FIRE WATER DIESEL PUMPS	0.063	0.0800 LBS/HR MAXIMUM
LA-0204	PLAQUEMINE PVC PLANT	Iberville	LA	2/27/2009		685 to 1709	BACT	LARGE EMERGENCY ENGINES		0.1000 LB/MMBTU
*ID-0017	POWER COUNTY ADVANCED ENERGY CENTER	Power	ID	2/10/2009	Draft	2682	BACT	EMERGENCY GENERATOR		ULSD
*OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	2200	BACT	EMERGENCY DIESEL GENERATOR	0.15	0.2000 G/KW-H
*FL-0310	SHADY HILLS GENERATING STATION	Pasco	FL	1/12/2009	Draft	3353	BACT	EMERGENCY GENERATOR	0.4	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008	Not constructed	2922	BACT	EMERGENCY GENERATOR	0.15	0.2000 G/KW-H
*IA-0095	TATE & LYLE INGREDIENTS AMERICAS, INC.	Webster	IA	9/19/2008	Draft	939	BACT	EMERGENCY GENERATOR	0.15	0.2000 G/KW-H
*NY-0101	CORNELL COMBINED HEAT & POWER PROJECT	Tompkins	NY	3/12/2008	Draft	1341	BACT	EMERGENCY DIESEL GENERATORS	0.064	0.1900 LB/H
*NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	1350	Other	LARGE INTERNAL COMBUSTION ENGINES	0.084	
*VA-0305	INGENCO K&O FACILITY	Brunswick	VA	9/26/2007	Draft	550	N/A	ELECTRIC GENERATION	21.8	115.9000 T/YR
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		2168	BACT	DIESEL EMERGENCY GENERATOR	0.14	0.6900 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		525	BACT	FIREWATER PUMP DIESEL ENGINE	0.24	0.2800 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		660	BACT	FIREWATER PUMP DIESEL ENGINE	0.44	0.6400 LB/H
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		2012	BACT	EMERGENCY GENERATOR	0.15	
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		540	BACT	FIRE PUMP	0.15	
*MN-0071	FAIRBAULT ENERGY PARK	Rice	MN	6/5/2007	Draft	2347	BACT	EMERGENCY GENERATOR	0.18	0.0004 LB/HP-H
OK-0118	HUGO GENERATING STA	Choctaw	OK	2/9/2007	Operational	>500	BACT	EMERGENCY DIESEL INTERNAL COMBUSTION ENGINES		Low Sulfur Fuel - 0.5%
LA-0211	GARYVILLE REFINERY	St. John the Baptist	LA	12/27/2006		1341	BACT	EMERGENCY GENERATORS		0.0022 LB/HP-H ANNUAL AVERAGE (182 H/YR)
NV-0045	SLOAN QUARRY	Clark	NV	12/11/2006		536	LAER	LARGE INTERNAL COMBUSTION ENGINE	1.87	2.2100 LB/H
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		10.90 MMBTU/H	BACT	EMERGENCY GENERATOR	0.015	0.0200 G/KW-H
AZ-0046	ARIZONA CLEAN FUELS YUMA	Yuma	AZ	4/14/2005		5.46 MMBTU/H	BACT	FIRE WATER PUMPS	0.15	0.2000 G/KW-H
* LA-0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	660	BACT	FIREWATER PUMP DIESEL ENGINES		0.0019 LB/HP-H ANNUAL AVERAGE (500 HR/YR)
MN-0053	FAIRBAULT ENERGY PARK	Rice	MN	7/15/2004	Operational	670	BACT	IC ENGINE, LARGE, FUEL OIL		0.1000 LB/MMBTU
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	1850	BACT	INTERNAL COMBUSTION ENGINE	0.07	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003	Operational	805	BACT	EMERGENCY DIESEL-FIRED GENERATOR	0.41	
VA-0276	INGENCO - CHARLES CITY PLANT	Charles City	VA	6/20/2003	Not constructed	550	N/A	IC ENGINES	0.61	
CA-0988	PACIFIC BELL	Sacramento	CA	2/1/2003		2935	LAER	IC ENGINES	0.1	
OH-0266	UNIVERSITY OF CINCINNATI	Hamilton	OH	8/15/2002		2922	BACT	DIESEL FIRED ENGINES	0.04	

RBLC Review for Large Diesel Engines - CO

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*NV-0049	HARRAH'S OPERATING COMPANY, INC.	Clark	NV	8/20/2009	Draft	1232	Other	LARGE INTERNAL COMBUSTION ENGINES	0.32	0.0007 LB/HP-H
*OK-0129	CHOUTEAU POWER PLANT	Mayes	OK	1/23/2009	Draft	2200	BACT	EMERGENCY DIESEL GENERATOR	0.32	1.5500 LB/H
*FL-0310	SHADY HILLS GENERATING STATION	Pasco	FL	1/12/2009	Draft	3353	BACT	EMERGENCY GENERATOR	1	
OH-0317	OHIO RIVER CLEAN FUELS, LLC	Columbiana	OH	11/20/2008		2922	BACT	EMERGENCY GENERATOR	0.19	6.4000 G/KW-H
*IA-0095	TATE & LYLE INGREDIENTS AMERICAS, INC.	Webster	IA	9/19/2008	Draft	939	BACT	EMERGENCY GENERATOR	0.15	0.2000 G/KW-H
*NV-0047	NELLIS AIR FORCE BASE	Clark	NV	2/26/2008	Draft	1350	Other	LARGE INTERNAL COMBUSTION ENGINES	0.2	
*VA-0305	INGENCO K&O FACILITY	Brunswick	VA	9/26/2007	Draft	550	N/A	ELECTRIC GENERATION	29.01	154.5000 T/YR
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		660	BACT	FIREWATER PUMP DIESEL ENGINE	0.027	0.0400 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		525	BACT	FIREWATER PUMP DIESEL ENGINE	0.078	0.0900 LB/H
LA-0219	CREOLE TRAIL LNG IMPORT TERMINAL	Cameron	LA	8/15/2007		2168	BACT	DIESEL EMERGENCY GENERATOR	0.35	1.6700 LB/H
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		540	BACT	FIRE PUMP	0.2	
IA-0088	ADM CORN PROCESSING - CEDAR RAPIDS	Linn	IA	6/29/2007		2012	BACT	EMERGENCY GENERATOR	0.3	
*MN-0071	FAIRBAULT ENERGY PARK	Rice	MN	6/5/2007	Draft	2347	BACT	EMERGENCY GENERATOR	0.32	0.0007 LB/HP-H
OK-0118	HUGO GENERATING STA	Choctaw	OK	2/9/2007	Operational	>500	BACT	EMERGENCY DIESEL INTERNAL COMBUSTION ENGINES		Low Sulfur Fuel - 0.5%
LA-0211	GARYVILLE REFINERY	St. John the Baptist	LA	12/27/2006		1341	BACT	EMERGENCY GENERATORS		0.0025 LB/HP-H ANNUAL AVERAGE (182 HR/YR)
NV-0045	SLOAN QUARRY	Clark	NV	12/11/2006		536	BACT	LARGE INTERNAL COMBUSTION ENGINE	12.19	14.4000 LB/H
* LA-0194	SABINE PASS LNG TERMINAL	Cameron	LA	11/24/2004	Draft	660	BACT	FIREWATER PUMP DIESEL ENGINES		0.0001 LB/HP-H ANNUAL AVERAGE (500 HR/YR)
MN-0053	FAIRBAULT ENERGY PARK	Rice	MN	7/15/2004	Not constructed	670	BACT	IC ENGINE, LARGE, FUEL OIL		0.1000 LB/MMBTU
WI-0207	ACE ETHANOL - STANLEY	Chippewa	WI	1/21/2004		1850	BACT	DIESEL GENERATOR	0.12	
MN-0054	MANKATO ENERGY CENTER	Blue Earth	MN	12/4/2003	Not constructed	1850	BACT	INTERNAL COMBUSTION ENGINE	0.12	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	Washington	OH	8/14/2003		805	BACT	EMERGENCY DIESEL-FIRED GENERATOR	1	
VA-0276	INGENCO - CHARLES CITY PLANT	Charles City	VA	6/20/2003	Not constructed	550	N/A	IC ENGINES	1.2	
CA-0988	PACIFIC BELL	Sacramento	CA	2/1/2003		2935	LAER	IC ENGINES	1	
OH-0255	AEP WATERFORD ENERGY LLC	Washington	OH	3/29/2001	Operational	1341	BACT	EMERGENCY GENERATOR	0.015	0.0200 T/YR (500 H/Y)

RBLC Review for Large Diesel Engines - CO

RBLC ID	Facility	County	State	Permit Date	Status	Capacity (HP)	Basis	Description	Standardized Limit (G/HP-H)	RBLC Limit
*NY-0101	CORNELL COMBINED HEAT & POWER PROJECT	Tompkins	NY	3/12/2008	Draft	1341	BACT	EMERGENCY DIESEL GENERATORS	0.0007	0.0020 LB/H MASS BALANCE - ULSD
TX-0262	ARCHER GENERATING STATION	Ector	TX	1/3/2000	Not constructed	2682	BACT	EMERGENCY ELECTRICAL GENERATOR	0.049	0.2900 LB/H and 0.049 g/bhp hr