

APPENDIX A
to the Supplemental RACM/RACT Analysis
for the NO_x RECLAIM Program

FACILITY PERMIT TO OPERATE

**63500 19TH AVE
NORTH PALM SPRINGS, CA 92258**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

FACILITY PERMIT TO OPERATE

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A	Facility Information		
B	RECLAIM Annual Emission Allocation		
C	Facility Plot Plan		
D	Facility Description and Equipment Specific Conditions		

FACILITY PERMIT TO OPERATE

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 63500 19TH AVE
NORTH PALM SPRINGS, CA 92258

MAILING ADDRESS:

RESPONSIBLE OFFICIAL:

TITLE:

TELEPHONE NUMBER:

CONTACT PERSON:

TITLE:

TELEPHONE NUMBER:

TITLE V PERMIT ISSUED:

TITLE V PERMIT EXPIRATION DATE:

TITLE V	RECLAIM
YES	NOx: YES SOx: NO CYCLE: 2 ZONE: INLAND

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION: GAS TURBINES					
SELECTIVE CATALYTIC REDUCTION, SERVING GAS TURBINE NO 300, CORMETECH, MODEL NO. CM27LHT, VANADIA-TITANIA, 63.6 CU.FT. WITH AMMONIA INJECTION, GRID	C4	C3			
GAS TURBINE, UNIT NO 400, NATURAL GAS, GENERAL ELECTRIC, MODEL LM6000 SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, 450 MMBTU/HR WITH GENERATOR, 49.9 MW	D6	C8	NOX: MAJOR SOURCE	NOX: 5 PPMV NATURAL GAS (4) [RULE 2005,]; NOX: 115 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,];	A99.1, A195.1, D12.4, D82.2, E57.1, E73.1, I298.2,

- | | |
|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements</p> |
|---|---|

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION: GAS TURBINES					
SELECTIVE CATALYTIC REDUCTION, SERVING GAS TURBINE NO 400, CORMETECH, MODEL NO. CM27LHT, VANADIA-TITANIA, 63.6 CU.FT. WITH AMMONIA INJECTION, GRID	C9	C8			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION: GAS TURBINES					
SELECTIVE CATALYTIC REDUCTION, SERVING GAS TURBINE NO 500, CORMETECH, MODEL NO. CM27LHT, VANADIA-TITANIA, 63.6 CU.FT. WITH AMMONIA INJECTION, GRID	C14	C13			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

FACILITY PERMIT TO OPERATE
SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1		1	0
C4		1	0
D6		1	0
C9		1	0
D11		1	0
C14		1	0

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1



FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F9.1

DEVICE CONDITIONS

A. Emission Limits

A63.1



FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A99.1 The 5 PPM NOX emission limit(s) shall not apply during turbine start-up and shutdown periods. Start-up time shall not exceed 30 minutes for each start-up. Written records of start-ups shall be maintained and made available upon request from the Executive Officer.

**[RULE 1303(a)(1)-BACT, ; RULE 1303(b)(1)-Modeling, ; RULE 1303(b)(1), ;
RULE 1303(b)(2)-Offset, ; RULE 2005, ; RULE 2005,]**

[Devices subject to this condition : D1, D6, D11]

A99.2

A195.1 The 5 PPMV NOX emission limit(s) is averaged over 60 minutes at 15 percent O2, dry.

**[RULE 1303(a)(1)-BACT, ; RULE 1303(b)(1)-Modeling, ; RULE 1303(b)(1), ;
RULE 1303(b)(2)-Offset, ; RULE 2005, ; RULE 2005,]**

[Devices subject to this condition : D1, D6, D11]

A195.2

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.3

A327.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C. Throughput or Operating Parameter Limits

C157.1

D. Monitoring/Testing Requirements

D12.1

D12.2

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.3

D12.4

D29.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.2

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

[**RULE 2012**, ; RULE 2012,]

[Devices subject to this condition : D1, D6, D11]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to SCR control whenever the turbine is in operation.

[**RULE 1303(a)(1)-BACT**, ; RULE 1303(a)(1)-BACT, ; **RULE 1303(b)(1)-Modeling**, ; **RULE 1303(b)(2)-Offset**, ; RULE 1303(b)(2) -Offset, ; **RULE 1703 - PSD Analysis**,]

[Devices subject to this condition : D1, D6, D11]

E73.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E144.1

E179.1

E179.2

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I. Administrative

I298.1 This equipment shall not be operated unless the facility holds 16826 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 16826 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, ; RULE 2005,]

[Devices subject to this condition : D1]

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I298.2 This equipment shall not be operated unless the facility holds 16826 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 16826 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, ; RULE 2005,]

[Devices subject to this condition : D6]

I298.3 This equipment shall not be operated unless the facility holds 16826 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 16826 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 2005, ; RULE 2005,]**

[Devices subject to this condition : D11]

K. Record Keeping/Reporting

K40.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.1

APPENDIX B
to the Supplemental RACM/RACT Analysis
for the NO_x RECLAIM Program

FACILITY PERMIT TO OPERATE

**15775 MELISSA LANE RD
NORTH PALM SPRINGS, CA 92258**

NOTICE

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FACILITY PERMIT TO OPERATE

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FACILITY PERMIT TO OPERATE

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 15775 MELISSA LANE RD
NORTH PALM SPRINGS, CA 92258

MAILING ADDRESS:

RESPONSIBLE OFFICIAL:

TITLE:

TELEPHONE NUMBER:

CONTACT PERSON:

TITLE:

TELEPHONE NUMBER:

TITLE V PERMIT ISSUED:

TITLE V PERMIT EXPIRATION DATE:

TITLE V	RECLAIM
YES	NOx: YES SOx: NO CYCLE: 1 ZONE: INLAND

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO. 1, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C4	C3 S6			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO. 2, CORMETECH CHMT-2, WITH 12 MODUELS, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C10	C9 S12			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO.3, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH	C16	C15 S18			
AMMONIA INJECTION, GRID		C28			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO.4, CORMETCH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C22	C21 S24			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO.5, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C28	B17 C27 S30			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO. 6, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C34	C33 S36			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO. 7, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 6 FT 3 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C40	C39 S42			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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 (10) See section J for NESHAP/MACT requirements

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, NO. 8, CORMETECH CHMT-2, WITH 12 MODULES, 136 CU.FT.; WIDTH: 9 FT 7.75 IN; HEIGHT: 4 FT 2 IN; LENGTH: 1 FT 4.5 IN WITH AMMONIA INJECTION, GRID	C46	C45 S48			
System 2: EMERGENCY ENGINES					

* (1) (1A) (1B) Denotes RECLAIM emission factor
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FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CLARKE, MODEL JU6H-UFADTO, DRIVING AN FIRE PUMP, WITH AFTERCOOLER, TURBOCHARGER, 274 HP	D49		NOX: PROCESS UNIT	NOX: 134 LBS/1000 GAL DIESEL (1) [RULE 2012,]; NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, ; RULE 1303(a)(1)-BACT, ; RULE 1703(a)(2) - PSD-BACT, ; RULE 2005,];	C1.4, C1.7, D12.5, I298.2, K67.3

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
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FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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FACILITY PERMIT TO OPERATE

SECTION D: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

FACILITY PERMIT TO OPERATE
SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1		1	1
C4		1	1
D7		1	1
C10		1	1
D13		1	1
C16		1	1
D19		1	1
C22		1	1
D25		1	1
C28		1	1
D31		1	1
C34		1	1
D37		1	1
C40		1	1
D43		1	1
C46		1	1
D49		1	2

FACILITY PERMIT TO OPERATE
SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1

F14.1

DEVICE CONDITIONS

A. Emission Limits

A63.1



FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

|

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.2



A99.3

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A99.7 The 12.26 LBS/MMCF NOX emission limit(s) shall only apply during the interim reporting period after initial turbine commissioning to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from entry into RECLAIM.

[RULE 2012,]

[Devices subject to this condition : D1, D7, D13, D19, D25, D31, D37, D43]

A99.9

A99.10 The 2.5 PPM NOX emission limit(s) shall not apply during turbine start-up, and shutdown periods. Start-up time shall not exceed 25 minutes for each start-up. Shutdown periods shall not exceed 10 minutes for each shutdown. The turbine shall be limited to a maximum of 300 start-ups per year. Written records of start-ups and shutdowns shall be maintained and made available upon request from the Executive Officer.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For this condition start-up shall be defined as the start up process to bring the turbine in full successful operations. If during start-up the process is aborted and the start-up is restarted, then the start-up and restart is defined as "one start-up". In this case the start-up time shall not exceed one hour. The NOx emissions limited to 29.54 pounds per hour as listed in condition A433.1

The operator shall keep records of aborted turbine start-ups and make the records available to District personnel upon request.

[RULE 1703(a)(2) - PSD-BACT,]

[Devices subject to this condition : D1, D7, D13, D19, D25, D31, D37, D43]

A195.1

A195.2 The 2.5 PPMV NOX emission limit(s) is averaged over 60 minutes at 15 percent O2, dry.

[RULE 1703(a)(2) - PSD-BACT, ; RULE 2005,]

[Devices subject to this condition : D1, D7, D13, D25, D31, D37, D43]

A195.3

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.4

A327.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A433.1 The operator shall comply at all times with the 2.5 ppm 1-hour BACT limit for NO_x, except as defined in condition A99.1 and for the following scenario::

Operating Scenario	Maximum Hourly Emissions Limit	Operational Limit
Start-up hour	29.54	NO _x emissions not to exceed 29.54lbs total per start-up per turbine. Each turbine shall be limited to 300 start-ups per year, with each start-up not to exceed 25 minutes.

[RULE 1703(a)(2) - PSD-BACT, ; RULE 2005,]

[Devices subject to this condition : D1, D7, D13, D19, D25, D31, D37, D43]

B. Material/Fuel Type Limits

B61.1

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FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.2



C. Throughput or Operating Parameter Limits

C1.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.4 The operator shall limit the operating time to no more than 50 hour(s) in any one year.

For the purposes of this condition, the operating time is inclusive of time allotted for maintenance and testing.

[**RULE 1110.2**, ; RULE 1110.2, ; **RULE 1303(b)(2)-Offset**, ; RULE 1303(b)(2)-Offset, ;
RULE 1470, ; **RULE 2012**,]

[Devices subject to this condition : D49]

C1.6

C1.7 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[**RULE 1110.2**, ; RULE 1110.2, ; **RULE 1303(b)(2)-Offset**, ; RULE 1303(b)(2)-Offset, ;
RULE 2012,]

[Devices subject to this condition : D49]

C157.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D. Monitoring/Testing Requirements

D12.1

D12.2

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.3

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.4

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.5 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time from the engine.

[**RULE 1110.2**, ; RULE 1110.2, ; **RULE 1303(b)(2)-Offset**, ; RULE 1303(b)(2)-Offset, ;
RULE 1470, ; **RULE 2012**,]

[Devices subject to this condition : D49]

D29.2

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FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.3

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

NOx concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall comply with the requirements of Rule 2012.

[RULE 1703(a)(2) - PSD-BACT, ; RULE 2005, ; RULE 2012,]

[Devices subject to this condition : D1, D7, D13, D19, D25, D31, D37, D43]

E. Equipment Operation/Construction Requirements

E144.1

E179.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E179.2

E193.1

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	KKKK

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| |

[40CFR 60 Subpart KKKK,]

[Devices subject to this condition : D1, D7, D19, D25, D31, D37, D43]

I. Administrative

I298.1 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D1]

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I298.2 This equipment shall not be operated unless the facility holds 77 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 77 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D49]

I298.3 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 2005,]

[Devices subject to this condition : D7]

I298.4 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D13]

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I298.5 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D19]

I298.6 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 2005,]

[Devices subject to this condition : D25]

I298.7 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D31]

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I298.8 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005,]

[Devices subject to this condition : D37]

I298.9 This equipment shall not be operated unless the facility holds 35839 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 30110 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 2005,]

[Devices subject to this condition : D43]

K. Record Keeping/Reporting

K40.1

K67.1

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.2

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Manual and automatic operation and shall list all engine operations in each of the following areas:

Emergency use hours of operation

Maintenance and testing hours

Other operating hours (describe the reason for operation)

In addition, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation. the log shall be kept for a minimum of five calendar years prior to the current year and made available to district personnel upon request. the total hours of operation for the previous calendar year shall be recorded sometime during the first 15 days of January of each year.

FACILITY PERMIT TO OPERATE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1110.2**, ; RULE 1110.2, ; RULE 1470,]

[Devices subject to this condition : D49]

K67.5

9/10/10

RESOLUTION NO. 10-20

A Resolution of the Governing Board of the South Coast Air Quality Management District (AQMD) certifying that the Revision to the State Implementation Plan (SIP) for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System is exempt from the requirements of the California Environmental Quality Act (CEQA).

A Resolution of the Governing Board of the AQMD revising the SIP for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System.

WHEREAS, the AQMD Governing Board finds and determines that the revision to the SIP for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System, is considered a "project" pursuant to the CEQA; however, AQMD staff reviewed the proposed project and because the Public Resources Code § 21080(b)(16) provides a statutory CEQA exemption for "the selection, credit, and transfer of emission credits by the SCAQMD pursuant to § 40440.14 of the Health and Safety Code", it was determined that it is statutorily exempt from the requirements of CEQA pursuant to Public Resources Code § 21080(b)(16); and

WHEREAS, AQMD staff has prepared a Notice of Exemption (NOE) for the revision to the SIP for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System that is completed in compliance with CEQA Guidelines § 15002(k)(1) – Three Step Process, and § 15062 – Notice of Exemption; and

WHEREAS, a public hearing has been properly noticed in accordance with the information provided in the public notice and provisions of 40 C.F. R. § 51.102 and provisions of state law; and

WHEREAS, the AQMD Governing Board has determined that the SIP revision is necessary in order to provide a federally-approved method to quantify emissions increases from the project, quantify offsets in the AB 1318 Tracking System, and transfer offsets from the SCAQMD's internal accounts to the CPV Sentinel proposed power plant as required by Assembly Bill 1318 (V.M. Perez, 2009) and Health and Safety Code § 40440.14; and

WHEREAS, the AQMD Governing Board finds and determines that any changes made to the proposed SIP revision since the publication of public notice constitute a logical outgrowth of the original proposal; and

WHEREAS, the AQMD Governing Board specifies the Deputy Executive Officer for Engineering and Compliance as the custodian of the documents or other materials which constitute the record of the proceedings upon which the revision of the SIP is based, as well as upon which the CEQA Notice of Exemption is based, in accordance with California Public Resources Code §21081.6(a)(2), and specifies that the record is located at the South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765; and

WHEREAS, the SIP revision, including the CPV Sentinel AB 1318 Offset Tracking System, the CEQA NOE, and the Board letter, were presented to the AQMD Governing Board and that the Board has reviewed and considered the entirety of this information prior to approving the project; and

WHEREAS, the AQMD Governing Board obtains its authority to adopt, amend, or rescind rules provisions of the applicable SIP to effectuate Health And Safety Code Section 40440.14 from Sections 40000, 40001, 40440.14, and 40702 of the California Health and Safety Code, and sections 110, 172, and 173 of the Federal Clean Air Act (42 U.S.C. §§ 7410, 7502, and 7503); and

WHEREAS, the AQMD Governing Board does hereby certify that a public hearing has been held in accordance with the information provided in the public hearing notice and consistent with the public hearing requirements in 40 C.F.R. § 51.102 and state law.

NOW, THEREFORE, BE IT RESOLVED, that the AQMD Governing Board does hereby certify the Notice of Exemption for the revision to the SIP for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System as proposed, completed in compliance with Public Resources Code § 21080(b)(16) and CEQA Guidelines §§ 15002(k)(1) and 15061, and that it was presented to the Governing Board, whose members reviewed, considered, and approved the information therein before acting on SIP revision, as proposed; and

BE IT FURTHER RESOLVED, that the AQMD Governing Board does hereby revise the SIP for the AQMD in the State of California to include Offset Requirements for the Proposed CPV Sentinel Power Plant to be Located in Desert Hot Springs, California, Including CPV Sentinel AB 1318 Offset Tracking System, pursuant to the authority by law, as set forth in the attached and incorporated herein by this reference; and

BE IT FURTHER RESOLVED, that the Executive Officer is directed to adjust the offsets contained in the AB 1318 Tracking System to assure that the offsets remain surplus at the time they are transferred to the CPV Sentinel Energy Project.

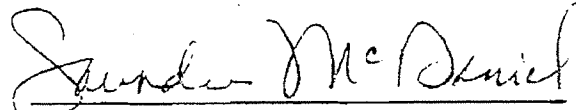
AYES: Antonovich, Burke, Cacciotti, Campbell, Gonzales, Mitchell, Perry, Pulido, and Yates.

NOES: Lyou.

ABSENT: Ashley, Carney, and Loveridge.

DATE:

July 9, 2010


Sandra McDaniel, Clerk of the Boards

9/10/10

REVISION TO THE STATE IMPLEMENTATION PLAN FOR THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, STATE OF CALIFORNIA: SULFUR OXIDES AND PARTICULATE MATTER OFFSET REQUIREMENTS FOR THE PROPOSED CPV SENTINEL POWER PLANT TO BE LOCATED IN DESERT HOT SPRINGS, CALIFORNIA, INCLUDING AB 1318 OFFSET TRACKING SYSTEM

PREAMBLE:

PURPOSE OF SIP REVISION

The purpose of this source-specific revision to the State Implementation Plan (SIP) for the South Coast Air Quality Management District (AQMD) is to implement California AB 1318 (2009, V.M. Perez) (Stats. 2009, Ch. 285), including California Health and Safety Code Section 40440.14. That section requires the Executive Officer of the AQMD to credit to the South Coast District's internal emission credit accounts and transfer to eligible electrical generating facilities emission credits in the full amounts needed to issue permits for eligible electrical generating facilities to meet requirements for sulfur oxides and particulate matter emissions. The proposed CPV Sentinel, LLC power plant has been found to be an eligible electrical generating facility under this section, and is the only known eligible facility. The proposed SIP revision will provide a mechanism for the transfer of credits to CPV Sentinel, and will establish the AB 1318 tracking system used to account for such credits.

DESCRIPTION OF PROPOSED POWER PLANT

CPV Sentinel, LLC has proposed to build an 850 megawatt (MW) natural gas-fired power plant, to be located at 62575 Power-Line Road, Desert Hot Springs, California, 92440. The project has submitted an Application for Certification to the California Energy Commission (07-AFC-3) and has submitted a Title V Application for a Permit to Construct to the AQMD (Facility ID No. 152707). The proposed plant has been found to be an eligible electrical generating facility under Health and Safety Code section 40440.14(d) because it is (1) subject to the permitting jurisdiction of the State Energy Resources Conservation and Development Commission (also referred to as California Energy Commission or CEC), (2) it has a purchase agreement, executed on or before December 31, 2008, to provide electricity to a public utility, as defined in Section 216 of the Public Utilities Code, subject to regulation by the Public Utilities Commission, for use within the Los Angeles Basin Local Reliability Area, and (3) it is under the jurisdiction of the South Coast Air Quality Management District, but not within the South Coast Air Basin (it is proposed to be located in the Salton Sea Air Basin). In addition, the AQMD has found that the proposed CPV Sentinel project meets all the requirements of the applicable new source review rule and all other applicable district regulations that must be met under Section 1744.5 of Title 20 of the California Code of Regulations, as required by Health and Safety Code Section 40440.14(a).

REASON FOR SIP REVISION

California Health and Safety Code section 40440.14 in AB 1318 requires the Executive Officer of the AQMD to credit to the AQMD's internal emission credit accounts and to transfer to eligible electrical generating facilities, which includes only the CPV Sentinel power plant, emission credits in the full amounts needed for particulate matter and sulfur oxides to issue permits to the proposed CPV Sentinel power plant. To implement AB 1318, this SIP revision provides a federally-approved mechanism to transfer credits from the AQMD's internal accounts to offset the CPV Sentinel Energy Project proposed Power Plant because CPV Sentinel is not eligible for either Rule 1304 or the May 3, 2002 version of Rule 1309.1 and AB 1318 requires the transfer of the specified credits.

ESTABLISHMENT OF AB1318 TRACKING SYSTEM FOR CPV SENTINEL POWER PLANT

AQMD has decided to establish a new tracking system for the CPV Sentinel Energy Project specific to AB 1318 which consists of specific offsets credits that have been identified from reductions occurring from permitted equipment that permanently ceased operations in AQMD. The AQMD has not issued any ERCs for these specific emission reductions to the companies that operated the equipment as a result of the reductions. These SOx and PM10 offsets have been removed from the AQMD's internal offset accounts and have not been used by any other source, nor will they be used by any other projects in the future if they are used for the CPV Sentinel Energy Project. These offsets are also described in the document entitled "CPV Sentinel Energy Project AB 1318 Tracking System" attached hereto.

The amounts of emission offsets contained in the AB 1318 Tracking System are based on actual SOx and PM10 emissions reported to AQMD under AQMD's Annual Emissions Reporting Program. In addition, for each source of credit, the equipment has been shut down and the permits have been inactivated by AQMD. The emission reductions for SOx and PM10 have occurred during calendar years 1999 through 2008. The offsets deposited in the AB 1318 Tracking System meet all the U.S. EPA's integrity criteria for qualifying as offsets, meaning they are all real, permanent, enforceable, quantifiable, and surplus. The AB 1318 Tracking System is being submitted to U.S. EPA for approval.

TEXT OF SIP REVISION – CPV Sentinel Energy Project AB 1318 Tracking System

The proposed text of the SIP revision is as follows:

The Executive Officer of the South Coast Air Quality Management District shall transfer sulfur oxides and particulate emission credits from the CPV Sentinel Energy Project AB 1318 Tracking System, attached hereto and incorporated by reference herein, to eligible electrical generating facilities pursuant to Health and Safety Code section 40440.14, as in effect January 1, 2010, (i.e. the CPV Sentinel Power Plant to be located in Desert Hot Springs, CA) in the full amounts

needed to issue permits to construct and to meet requirements for sulfur oxides and particulate matter emissions. Notwithstanding District Rule 1303, this SIP revision provides a federally enforceable mechanism for transferring offsets from the AQMD's internal accounts to the CPV Sentinel Project. The Executive Officer shall complete the transfer of credits to an electrical generating facility pursuant to this provision upon the receipt of payment of the mitigation fees set forth in the south coast district's Rule 1309.1, as adopted on August 3, 2007, regardless of the subsequent repeal of those provisions. This section shall remain in effect only until January 1, 2012, and sunsets as of that date. Such repeal does not affect the federal approvability of credits or the transfer of such credits that are transferred prior to the repeal.

OFFSET EVALUATION FOR CPV SENTINEL PROJECT

The offset evaluation for SO_x and PM₁₀ for the CPV Sentinel Project is included in the CPV Sentinel Energy Project AB 1318 Tracking System as authorized by AB 1318 and is being submitted to U.S. EPA for approval and inclusion into the SIP. The offset requirements for VOC and NO_x are being met by compliance with existing SIP-approved AQMD rules and do not require any additional approvals from U.S. EPA. The Salton Sea Air Basin is not designated as Nonattainment for either CO or PM_{2.5} and therefore offsets are not required for these pollutants.

CAA § 110(I) ANALYSIS

This SIP revision does not interfere with any applicable requirement concerning attainment or reasonable further progress or any other requirement of the Clean Air Act, as provided in CAA § 110(l), 42 U.S.C. § 7410(l). This SIP revision merely provides a mechanism for satisfying the offset requirements of CAA § 173, 42 U.S.C. § 7503, which fully satisfies that requirement. Even if the § 110(l) analysis included the air quality impacts of operation of the CPV Sentinel Energy Project, the accompanying "Air Quality Demonstration: SIP Revision for CPV Sentinel Energy Project" shows that operation of the plant does not violate § 110(l).

9/10/10

CPV SENTINEL ENERGY PROJECT AB 1318 TRACKING SYSTEM

The PM10 and SOx emissions offset evaluation below, together with the description of the offsets and the listing of specific offsets (Tables A & B attached) constitute the AB 1318 Tracking System for the CPV Sentinel Energy Project.

PM10 and SOx Emissions

Emission Offsets - The Salton Sea Air Basin (SSAB) is in attainment with both federal and state SO2 and Sulfate ambient air quality standards, as applicable. However, SO2 is also considered a precursor to PM10. Presently the SSAB is still designated as "Nonattainment" with both federal and state PM10 ambient air quality standards.

CPV Sentinel is obtaining offsets for both PM10 and SOx from the AQMD internal bank pursuant to AB 1318. Under federal law any required PM10 and SOx offsets have to be provided at an offset ratio of 1.0-to-1.0. In addition, California state law offset requirements, if applicable to any project, requires actual (not maximum potential) emissions to be offset at the same 1.0-to-1.0 offset ratio as the actual emissions. Therefore, the maximum amount of offsets that are needed for CPV Sentinel's requirements are calculated on an annual basis and are being provided for the CPV Sentinel project's emissions in the initial commissioning year¹ are 118,120 lbs/year and 13,928 lbs/year of PM10 and SOx, respectively. As a result, AQMD has identified and calculated adequate amounts of PM10 and SOx offset credits on the basis of pounds per year to offset the initial commissioning year (or worst case annual) emissions from the CPV Sentinel Energy Project. These amounts of offsets are transferred to CPV Sentinel Energy Project and provided by AQMD from AQMD's internal emission credit accounts pursuant to AB 1318.

Below, AQMD has provided the description of the internal emission offset account tracking system pursuant to AB 1318 and the identification of specific offsets deposited in the AB 1318 Tracking System. The amounts of emission offsets presently deposited by AQMD in the AB 1318 tracking system cover the amounts needed by CPV Sentinel.

In addition, the CPV Sentinel project maximum worst case year (i.e. the initial commissioning year) PM10 emissions are 118,120 lbs/year (or 59.06 tons/year). The federal Major Source threshold for PM10 offsets is 70 tons/year, below which no offsets are required under federal NSR regulations. Although the CPV Sentinel project maximum potential to emit PM10

¹ Although the amount of maximum annual emissions after the initial commissioning and start up are 112,180 lbs/year of PM10 and 13,560 lbs/year of SOx, the amount of offsets that are provided from AQMD's internal offset account for the CPV Sentinel project are to offset the commissioning year's emissions of 118,120 lbs/year and 13,928 lbs/year of PM10 and SOx, respectively. This is the maximum worst case, because it assumes that all eight gas turbines are commissioned and started up in the same year.

emissions are below the federal Major Source threshold for offsets, CPV Sentinel Energy Project applicant is obtaining and AQMD is transferring offsets for emissions of both PM10 and SOx from the AQMD internal offset account pursuant to AB 1318.

OBJECTIVES:

AB 1318, which went into effect on January 1, 2010, requires AQMD, upon making a specified finding, to transfer SOx and PM10 emission offsets from its internal offset accounts to eligible electric generating facilities. The only known facility that is eligible and the only facility which will have access to the new AB 1318 Tracking System is the CPV Sentinel project. In implementing this emission offset transfer, AB 1318 requires AQMD to rely on the internal offset tracking system used prior to adoption of Rule 1315 or a new tracking system approved by EPA. Therefore, this new CPV Sentinel Energy Project AB 1318 offset tracking system will be submitted to EPA for approval and inclusion into the SIP.

OFFSETS CONTAINED IN AB 1318 TRACKING SYSTEM FOR CPV SENTINEL:

For the purposes of AB 1318 Tracking System, AQMD has identified a series of emission offsets for PM10 and SOx which have been created as a result of reductions from permitted equipment that permanently ceased operation in AQMD. These offsets all meet the integrity criteria for qualifying as offsets, meaning they are all Real, Permanent, Quantifiable, Enforceable and Surplus. These offsets are all the result of emission reductions from permitted equipment that permanently ceased operation in AQMD and the AQMD has not issued any ERCs for these specific emission offsets to the companies who operated the equipment or to anyone else as a result of the reductions. These PM10 and SOx offsets have been removed from the AQMD's internal offset accounts and have not been used by any other source permitted by AQMD, nor will they be used as offsets for any other source in the future if they are used for the CPV Sentinel Energy Project.

The amounts of emission offsets are based on actual PM10 and SOx emissions reported to AQMD under AQMD's Annual Emissions Reporting Program. The amount of PM10 and SOx offset credits is based on annual emissions representative of normal source operations. In addition, for each source of credit, the equipment has been shutdown and the permits have been inactivated by AQMD. The emission reductions for SOx and PM10 have occurred during calendar years 1999 through 2008.

Tables A and B below include a listing of the PM10 and SOx offsets, respectively, deposited in the AB 1318 Tracking System for use by the CPV Sentinel project, which is presently the only eligible electrical generating facility which can use the offsets pursuant to AB 1318 requirements.

Table A - PM10 Reductions from Sources Which Ceased Operation

Company Name	Location	Equipment Description	Emission Credits (lb/year)
AAA GLASS CORP	LOS ANGELES	GLASS MELTING FURNACE	693
AAA GLASS CORP	LOS ANGELES	GLASS MELTING FURNACE	762
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	203
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	203
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	203
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	203
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #3	331
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #4	331
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #1	172
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #2	172
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL PEAKING	294
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	294
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	294
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	294
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	20
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	20
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	19
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	19
AURORA MODULAR INDUSTRIES	MORENO VALLEY	SPRAY BOOTH	188
AURORA MODULAR INDUSTRIES	MORENO VALLEY	OPEN SPRAY EQUIPMENT	188
AURORA MODULAR INDUSTRIES	MORENO VALLEY	OPEN SPRAY EQUIPMENT	188
AURORA MODULAR INDUSTRIES	MORENO VALLEY	OPEN SPRAY EQUIPMENT	188
AURORA MODULAR INDUSTRIES	MORENO VALLEY	OPEN SPRAY EQUIPMENT	188
AURORA MODULAR INDUSTRIES	MORENO VALLEY	OPEN SPRAY EQUIPMENT	188
BLACK HILLS ONTARIO LLC	ONTARIO	TURBINE ENGINE (<=50 MW) NG/PG & DISTILL NUMBER 2	952
BLACK HILLS ONTARIO LLC	ONTARIO	TURBINE ENGINE (<=50 MW) NG/PG & DISTILL NUMBER 1	952
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	474
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	346
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	346
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	346
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY MACHINE	314

Company Name	Location	Equipment Description	Emission Credits (lb/year)
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	179
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	166
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	166
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	166
BLACKHAWK FURNITURE, INC	RIVERSIDE	SPRAY BOOTH	166
BOCCHI LABORATORIES INC	WALNUT	BOILER - NATURAL GAS	49
CANNERS STEAM CO	TERMINAL ISLAND	BOILER NAT GAS/ OIL FIRED	858
CANNERS STEAM CO	TERMINAL ISLAND	BOILER NAT GAS/ OIL FIRED	858
CANNERS STEAM CO	TERMINAL ISLAND	BOILER, NAT GAS-DIST PP	858
CBS INC	LOS ANGELES	BOILER - NATURAL GAS/OIL	89
CBS INC	LOS ANGELES	BOILER - NATURAL GAS/OIL	89
CDE RESOURCES, INC.	SAN BERNARDINO	AGGREGATE SIZE CLASSIFICATION	14
CDE RESOURCES, INC.	SAN BERNARDINO	AGGREGATE SIZE CLASSIFICATION	14
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	22
CENTURY RIM CORP	BREA	OVEN	21
CHANDLER AGGREGATES	CORONA	AGGREGATE PROCESSING SYSTEM	2,907
CLEAN STEEL INC	LONG BEACH	MATERIAL SIZE REDUCTION	4,113
CMC PRINTED BAG INC	WHITTIER	AFTERBURNER	23
COLOR AMERICA TEXTILE PROCESSING INC	LOS ANGELES	CARPET PROCESSING SYSTEM WITH ESP	293
COLOR MASTER PRINTEX, INC	VERNON	BOILER - NATURAL GAS	24
COLOR MASTER PRINTEX, INC	VERNON	BOILER - NATURAL GAS	24
COLOR MASTER PRINTEX, INC	VERNON	TENTER FRAME OVEN	19
COLORGRAPHICS	LOS ANGELES	PRINTING PRESS - HEAT SET	13
COLORGRAPHICS	LOS ANGELES	AFTERBURNER	12
COLORGRAPHICS	LOS ANGELES	PRINTING PRESS - HEAT SET	8
COLORGRAPHICS	LOS ANGELES	PRINTING PRESS - HEAT SET	7
DIAMOND PACIFIC PRODUCTS CO	PERRIS	BULK LOAD TRUCK (1 RACK) GRAIN	96
DIAMOND PACIFIC PRODUCTS CO	PERRIS	BOILER - NATURAL GAS	93
DIAMOND PACIFIC PRODUCTS CO	PERRIS	GRAINS SIZE REDUCTION AND CLEANING	6,429
DIAMOND PACIFIC PRODUCTS CO	PERRIS	LIVESTOCK FEED ROLLING AND STEAM FLAKING	3,482
EL CAMINO COLLEGE	TORRANCE	BOILER (5-20 MMBTU/HR) NAT GAS ONLY	50

Company Name	Location	Equipment Description	Emission Credits (lb/year)
ELSINORE READY-MIX CO INC	LAKE ELSINORE	AGGREGATE SIZE REDUCTION	27
ELSINORE READY-MIX CO INC	LAKE ELSINORE	CONCRETE BATCH EQUIPMENT	1,290
EQUITABLE REAL EST/COMPASS MGMT LEASING	IRVINE	BOILER, NATURAL GAS	5
EQUITABLE REAL EST/COMPASS MGMT LEASING	IRVINE	BOILER - NATURAL GAS	5
FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	BOILER	272
FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	AFTERBURNER	184
FS PRECISION TECH LLC	COMPTON	ABRASIVE BLASTING CABINET	10
GATEWAY SANDBLASTING	DIAMOND BAR	OPEN ABRASIVE BLASTING	2,428
HOLGA INC	VAN NUYS	PAINT BURNOFF FURNACE	11
HONEYWELL INTERNATIONAL INC	TORRANCE	HEATER	20
INTERMETRO INDUSTRIES CORP	RANCHO CUCAMONGA	BOILER - NATURAL GAS	87
INTERMETRO INDUSTRIES CORP	RANCHO CUCAMONGA	HEAT TREATING FURNACE	12
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	112
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	111
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BOILER - NATURAL GAS	97
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	78
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BOILER - NATURAL GAS	63
KMC WHEEL CO INC	RIVERSIDE	HEAT TREATING FURNACE	65
KMC WHEEL CO INC	RIVERSIDE	HEAT TREATING FURNACE	33
KMC WHEEL CO INC	RIVERSIDE	OVEN, BAKING	10
KMC WHEEL CO INC	RIVERSIDE	FURNACE REVERB ALUMINUM	4,120
KMC WHEEL CO INC	RIVERSIDE	FURNACE REVERB ALUMINUM	3,860
KRACO ENTERPRISES INC	COMPTON	BOILER	145
KRACO ENTERPRISES INC	COMPTON	BOILER	61
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	101
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	72
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	OVEN BAKERY	72
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	72
LITHOGRAPHIX INC	LOS ANGELES	AFTERBURNER	13

Company Name	Location	Equipment Description	Emission Credits (lb/year)
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	97
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	97
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	97
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	97
MATTHEWS INTERNATIONAL CORP	ROMOLAND	FOUNDRY SAND RECLAMATION	2,497
MATTHEWS INTERNATIONAL CORP	ROMOLAND	SAND HANDLING EQUIPMENT FOUNDRY	2,497
MATTHEWS INTERNATIONAL CORP	ROMOLAND	SAND HANDLING EQUIPMENT FOUNDRY	2,497
MOUNTAINVIEW GENERATING STATION	REDLANDS	BOILER UTILITY (>50 MW)NAT.GAS/RESID.OIL BOILER #1	4,170
MOUNTAINVIEW GENERATING STATION	REDLANDS	BOILER UTILITY (>50 MW)NAT.GAS/RESID.OIL BOILER #2	3,026
NEVILLE CHEM CO	ANAHEIM	THERMAL OXIDIZER	235
NEVILLE CHEM CO	ANAHEIM	BOILER	73
NEVILLE CHEM CO	ANAHEIM	BOILER	45
O'BRIEN CALIF COGEN LTD	ARTESIA	TURBINE ENGINE (<=50 MW) NAT GAS ONLY	11,644
OLDCASTLE WESTILE, INC.	CORONA	CEMENT SLURRY SYSTEM	146
OLDCASTLE WESTILE, INC.	CORONA	SAND CONVEYING	981
OLDCASTLE WESTILE, INC.	CORONA	SAND CONVEYING	981
ONE WILSHIRE, CARLYLE ONE WILSHIRE, LLC	LOS ANGELES	BOILER	10
ONE WILSHIRE, CARLYLE ONE WILSHIRE, LLC	LOS ANGELES	BOILER	6
ONTARIO SANDBLASTING	ONTARIO	ABRASIVE BLASTING	13
ONTARIO SANDBLASTING	ONTARIO	ABRASIVE BLASTING	13
ONTARIO SANDBLASTING	ONTARIO	ABRASIVE BLASTING	13
ORTIZ ENTERPRISES INC	IRVINE	AGGREGATE CRUSHING SYSTEM	464
POLYCLAD LAMINATES INC	SANTA ANA	BOILER - NATURAL GAS	52
POLYCLAD LAMINATES INC	SANTA ANA	BOILER - NATURAL GAS	48
PRATT & WHITNEY ROCKETDYNE, INC.	CANOGA PARK	BOILER	30
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	UTILITY BOILER - NATURAL GAS/OIL BOILER #2	21,183
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	UTILITY BOILER - NATURAL GAS/OIL BOILER #1	16,558

Company Name	Location	Equipment Description	Emission Credits (lb/year)
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	896
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	896
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	896
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	896
SEAGULL SANITATION	AVALON (CATALINA ISLAND)	INCINERATOR CONTINUOUS-FEED NON-HAZARD	8,030
SHAWCOR PIPE PROTECTION LLC.	FONTANA	ABRASIVE BLASTING - OPEN	586
SMURFIT-STONE CONTAINER ENTERPRISES	SANTA FE SPRINGS	BOILER - NATURAL GAS/LPG	237
STATEWIDE SANDBLASTING	DIAMOND BAR	ABRASIVE BLASTING - OPEN	1,874
STATEWIDE SANDBLASTING	DIAMOND BAR	ABRASIVE BLASTING (CABINET/MACHINE/ROOM)	1,874
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	2,467
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	1,295
TABC, INC	LONG BEACH	CURING OVEN	21
THE BOEING COMPANY	SEAL BEACH	EMERGENCY ICE - DIESEL FIRE PUMP	5
TREND OFFSET PRINTING SERVICES, INC	LOS ALAMITOS	AFTERBURNER	40
UNIVERSAL DIE CASTING CO	VERNON	BRASS CRUCIBLE	131
UNIVERSAL DIE CASTING CO	VERNON	FURNACE CRUCIBLE BRASS YELLOW	131
UNIVERSAL DIE CASTING CO	VERNON	FURNACE CRUCIBLE BRASS YELLOW	131
US POSTAL SERVICE, SANTA CLARITA CENTER	SANTA CLARITA	HEATER/FURNACE (5-20 MMBTU/HR) NAT GAS	148
VALMONT COATINGS, CALWEST GALVANIZING	LONG BEACH	DIESEL ICE	1
VOUGHT AIRCRAFT INDUSTRIES	HAWTHORNE	BOILER	2
WEBB-MASSEY CO INC	ORANGE	SPRAY BOOTH	29
WEBB-MASSEY CO INC	ORANGE	SPRAY BOOTH	29
WHITewater ROCK & SUPPLY CO	WHITE WATER	ROCK CRUSHING SYSTEM	2,821
WHITewater ROCK & SUPPLY CO	WHITE WATER	AGGREGATE PRODUCTION/CRUSHING	2,015
WINGS WEST INC	SANTA ANA	SPRAY BOOTH	165
WINGS WEST INC	SANTA ANA	SPRAY BOOTH	165
WINGS WEST INC	SANTA ANA	SPRAY BOOTH	165
Total			137,799

Table B - SOx Reductions from Sources Which Ceased Operation

Company Name	Location	Equipment Description	Emission Credits (lb/year)
AAA GLASS CORP	LOS ANGELES	GLASS MELTING FURNACE	2,217
AAA GLASS CORP	LOS ANGELES	GLASS MELTING FURNACE	2,659
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	18
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	18
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	18
AES ALAMITOS, LLC	LONG BEACH	TURBINE ENGINE - NATURAL GAS/OIL	18
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #3	26
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #4	26
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #1	14
AES HIGHGROVE, LLC. (FORMERLY RIVERSIDE CANAL)	GRAND TERRACE	BOILER UTILITY (>50 MW) BOILER #2	14
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL PEAKING	23
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	23
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	23
AES HUNTINGTON BEACH, LLC	HUNTINGTON BEACH	TURBINE ENGINE - NATURAL GAS/OIL	23
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	2
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	2
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	2
ANAHEIM MARRIOTT HOTEL	ANAHEIM	BOILER - NATURAL GAS	2
BLACK HILLS ONTARIO LLC	ONTARIO	TURBINE ENGINE (<=50 MW) NG/PG & DISTILL NUMBER 2	85
BLACK HILLS ONTARIO LLC	ONTARIO	TURBINE ENGINE (<=50 MW) NG/PG & DISTILL NUMBER 1	85
CANNERS STEAM CO	TERMINAL ISLAND	BOILER NAT GAS/ OIL FIRED	68
CANNERS STEAM CO	TERMINAL ISLAND	BOILER NAT GAS/ OIL FIRED	68
CANNERS STEAM CO	TERMINAL ISLAND	BOILER, NAT GAS-DIST PP	68
CBS INC	LOS ANGELES	BOILER - NATURAL GAS/OIL	7
CBS INC	LOS ANGELES	BOILER - NATURAL GAS/OIL	7
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5

Company Name	Location	Equipment Description	Emission Credits (lb/year)
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CDE RESOURCES, INC.	SAN BERNARDINO	I C E PORTABLE, NON-EMERGENCY	5
CENTURY RIM CORP	BREA	OVEN	2
CMC PRINTED BAG INC	WHITTIER	AFTERBURNER	2
COLOR AMERICA TEXTILE PROCESSING INC	LOS ANGELES	CARPET PROCESSING SYSTEM WITH ESP	32
COLORGRAPHICS	LOS ANGELES	PRINTING PRESS - HEAT SET	1
COLORGRAPHICS	LOS ANGELES	AFTERBURNER	1
COLORGRAPHICS	LOS ANGELES	PRINTING PRESS - HEAT SET	1
EL CAMINO COLLEGE	TORRANCE	BOILER (5-20 MMBTU/HR) NAT GAS ONLY	4
FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	BOILER	22
FALCON FOAM, A DIV OF ATLAS ROOFING CORP	LOS ANGELES	AFTERBURNER	15
GATEWAY SANDBLASTING	DIAMOND BAR	OPEN ABRASIVE BLASTING	9
HOLGA INC	VAN NUYS	PAINT BURNOFF FURNACE	1
HONEYWELL INTERNATIONAL INC	TORRANCE	HEATER	2
INTERMETRO INDUSTRIES CORP	RANCHO CUCAMONGA	BOILER - NATURAL GAS	7
INTERMETRO INDUSTRIES CORP	RANCHO CUCAMONGA	HEAT TREATING FURNACE	1
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	11
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	11
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BOILER - NATURAL GAS	8
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BAKERY OVEN	8
INTERSTATE BRANDS CORP/DICARLO	SAN PEDRO	BOILER - NATURAL GAS	5
KMC WHEEL CO INC	RIVERSIDE	HEAT TREATING FURNACE	7
KMC WHEEL CO INC	RIVERSIDE	HEAT TREATING FURNACE	4
KMC WHEEL CO INC	RIVERSIDE	OVEN, BAKING	1
KMC WHEEL CO INC	RIVERSIDE	FURNACE REVERB ALUMINUM	12
KMC WHEEL CO INC	RIVERSIDE	FURNACE REVERB ALUMINUM	11
KRACO ENTERPRISES INC	COMPTON	BOILER	11
KRACO ENTERPRISES INC	COMPTON	BOILER	5
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	8
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	6

Company Name	Location	Equipment Description	Emission Credits (lb/year)
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	OVEN BAKERY	6
KRAFT FOODS NORTH AMERICA/NABISCO DIV	BUENA PARK	BAKERY OVEN	6
LITHOGRAPHIX INC	LOS ANGELES	AFTERBURNER	1
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	8
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	8
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	8
LITTLE COMPANY OF MARY HOSPITAL	TORRANCE	BOILER - NATURAL GAS/OIL	8
MOUNTAINVIEW GENERATING STATION	REDLANDS	BOILER UTILITY (>50 MW)NAT.GAS/RESID.OIL BOILER #1	329
MOUNTAINVIEW GENERATING STATION	REDLANDS	BOILER UTILITY (>50 MW)NAT.GAS/RESID.OIL BOILER #2	238
NEVILLE CHEM CO	ANAHEIM	THERMAL OXIDIZER	19
NEVILLE CHEM CO	ANAHEIM	BOILER	6
NEVILLE CHEM CO	ANAHEIM	BOILER	4
O'BRIEN CALIF COGEN LTD	ARTESIA	TURBINE ENGINE (<=50 MW) NAT GAS ONLY	932
ONE WILSHIRE, CARLYLE ONE WILSHIRE, LLC	LOS ANGELES	BOILER	1
PRATT & WHITNEY ROCKETDYNE, INC.	CANOGA PARK	BOILER	2
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	UTILITY BOILER - NATURAL GAS/OIL BOILER #2	1,673
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	UTILITY BOILER - NATURAL GAS/OIL BOILER #1	1,307
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	78
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	78
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	78
RRI ENERGY ETIWANDA, INC. (Formerly RRI RELIANT ENERGY ETIWANDA LLC.)	ETIWANDA	TURBINE ENGINE - NATURAL GAS/OIL	78

Company Name	Location	Equipment Description	Emission Credits (lb/year)
SEAGULL SANITATION	AVALON (CATALINA ISLAND)	INCINERATOR CONTINUOUS-FEED NON-HAZARD	13,870
SMURFIT-STONE CONTAINER ENTERPRISES	SANTA FE SPRINGS	BOILER - NATURAL GAS/LPG	19
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	466
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	433
TABC, INC	LONG BEACH	CURING OVEN	2
THE BOEING COMPANY	SEAL BEACH	EMERGENCY ICE - DIESEL FIRE PUMP	1
TREND OFFSET PRINTING SERVICES, INC	LOS ALAMITOS	AFTERBURNER	3
US POSTAL SERVICE, SANTA CLARITA CENTER	SANTA CLARITA	HEATER/FURNACE (5-20 MMBTU/HR) NAT GAS	12
Total			25,438

Company Name	Location	Equipment Description	Emission Credits (lb/year)
SEAGULL SANITATION	AVALON (CATALINA ISLAND)	INCINERATOR CONTINUOUS-FEED NON-HAZARD	13,870
SMURFIT-STONE CONTAINER ENTERPRISES	SANTA FE SPRINGS	BOILER - NATURAL GAS/LPG	19
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	466
SUNLAW COGENERATION PARTNERS I	VERNON	TURBINE ENGINE - NATURAL GAS	433
TABC, INC	LONG BEACH	CURING OVEN	2
THE BOEING COMPANY	SEAL BEACH	EMERGENCY ICE - DIESEL FIRE PUMP	1
TREND OFFSET PRINTING SERVICES, INC	LOS ALAMITOS	AFTERBURNER	3
US POSTAL SERVICE, SANTA CLARITA CENTER	SANTA CLARITA	HEATER/FURNACE (5-20 MMBTU/HR) NAT GAS	12
Total:			25,346