

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 4	PAGE 1
	APPL. NO. 479102, 479103	DATE 3/14/2008
	PROCESSED BY LI CHEN	CHECKED BY

PERMIT TO OPERATE

COMPANY NAME AND ADDRESS

AES Placerita Inc.
20885 Placerita Canyon Road
Newhall, CA 91321
FACILITY ID #42676

CONTACT: Dauren Kylyshpekov, (661) 254-6143

EQUIPMENT LOCATION

20885 Placerita Canyon Road
Newhall, CA 91321

EQUIPMENT DESCRIPTION:

Section D: Permit to Operate

Equipment	ID No.	Connected To	Source Type/ Monitoring Unit	Emissions	Conditions
PROCESS 1: INTERNAL COMBUSTION					
GAS TURBINE, NO. 1, NATURAL GAS, BROWN BOVERI, MODEL TYPE 8, WITH STEAM OR WATER INJECTION, 530.2 MMBTU/HR WITH: A/N: 287456 , 479102 GENERATOR, 43800 KW BOILER, STEAM ELECTRIC WASTE HEAT, UNFIRED WATER TUBE TYPE, COMMON TO COGEN. SYSTEM NO. 2 STEAM TURBINE, STEAM, COMMON TO COGEN. SYSTEM	D6	C9	NOX: MAJOR SOURCE	CO: 2000 PPMV [RULE407] ; CO: 10 PPMV [RULE 1303(a)(1)-BACT] NOX: 7 PPMV NATURAL GAS [RULE 1303(a)(1)-BACT]; NOX: 92 PPMV NATURAL GAS [40CFR 60 Subpart GG]	A63.1, A99.1, A99.2, A99.3, A327.1, D12.1, D28.1, D82.1, E73.1, E73.2, <u>E313.1</u> , <u>E315.1</u> , H23.1, K67.3

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Equipment	ID No.	Connected To	Source Type/ Monitoring Unit	Emissions	Conditions
NO. 2, 15000 KW BOILER, STEAM INJECTION WASTE HEAT, UNFIRED TUBE TYPE, COMMON TO GAS TURBINE NO. 2				SOX: 150 PPMV [40CFR60 Subpart GG] NH3: 20 PPMV [RULE 1303(a)(1)-BACT]	
STACK A/N: 287456 , 479102	D52	C9			
GAS TURBINE, NO. 2, NATURAL GAS, BROWN BOVERI, MODEL TYPE 8, WITH STEAM OR WATER INJECTION, 530.2 MMBTU/HR WITH: A/N: 287455 , 479103 GENERATOR, 43,800 KW BOILER, STEAM ELECTRIC WASTE HEAT, UNFIRED WATER TUBE TYPE, COMMON TO COGEN. SYSTEM NO. 1 STEAM TURBINE, STEAM, COMMON TO COGEN. SYSTEM NO. 1, 15000 KW BOILER, STEAM INJECTION WASTE HEAT, UNFIRED TUBE TYPE, COMMON TO GAS TURBINE NO. 1	D6	C9	NOX: MAJOR SOURCE	CO: 2000 PPMV [RULE407] ; CO: 10 PPMV [RULE 1303(a)(1)-BACT] NOX: 7 PPMV NATURAL GAS [RULE 1303(a)(1)-BACT]; NOX: 92 PPMV NATURAL GAS [40CFR 60 Subpart GG] PM: 0.01 GRAINS/SCF [RULE 475]; PM: 0.1 GRAINS/SCF [RULE 409]; PM: 11 LBS/HR [RULE475] SOX: 150 PPMV [40CFR60 Subpart GG] NH3: 20 PPMV [RULE 1303(a)(1)-BACT]	A63.1, A99.1, A99.2, A99.3, A327.1, D12.1, D28.1, D82.1, E73.1, E73.2, <u>E313.1</u> , <u>E315.1</u> , H23.1, K67.3
STACK A/N: 287455 , 479103	D53	C10			

BACKGROUND

The applicant AES Placerita submits the applications to designate the two gas turbines as non-operational major sources. The applications are:

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Application Number	Equipment Description	Fee
479102	Turbine D6 Change of conditions	\$609.54
479103	Turbine D7 Change of conditions	\$609.54
479104	Facility Permit Amendment	\$1534.21

The applicant plans not to operate the two gas turbines in the foreseeable future. In accordance with AQMD Rule 2012(9) definition of non-operational major sources AES Placerita will disconnect fuel feed lines and place flanges at both ends of the disconnected lines.

AES Placerita is a Title V facility, and participates in the RECLAIM program. The applications were received on March 7, 2008, and deemed complete on March 14, 2008.

RECOMMENDATION

It is recommended that the District approves the applications. A new condition is added to reflect the requirements of non-operational major source.

CONDITION

E313 This device is classified as a non-operated major NOx source as defined under Rule 2012 and shall not be operated unless the facility permit holder provides written notification to the executive officer 30 days prior to starting operation. in order to maintain the non-operational classification, the facility permit holder shall:

- (a) Remove a section of the fuel feed line(s) to the device and place a blind flange on both ends of the fuel feed line(s); and
- (b) Remove a major component of the source necessary for its operation

Removal of parts or components solely to qualify the device for non-operated classification pursuant to this condition, or replacement of the same removed parts or components resulting in the device no longer being classified as non-operated shall not be deemed to affect the potential to emit within the meanings of Rule 2005, regulation XIII and regulation XXX.

[Rule 2012]

[Devices subject to this conditions: D6, D7]

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E315 Once this device is operated, it shall no longer be classified as non-operational. this device shall also meet the monitoring requirements of Rule 2012, subparagraph (c)(2)(a) or (c)(2)(b) no later than 30 calendar days after the start of operation except as provided in Rule 2012, paragraph (c)(10).

[Rule 2012]

[Devices subject to this conditions: D6, D7]