

DOCKETED

Docket Number:	12-AFC-02
Project Title:	Huntington Beach Energy Project
TN #:	201596
Document Title:	SCAQMD PDOC Letter
Description:	SCAQMD PDOC Letter to CEC
Filer:	John Yee
Organization:	South Coast Air Quality Management District
Submitter Role:	Public Agency
Submission Date:	1/27/2014 10:45:38 AM
Docketed Date:	1/27/2014



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

January 24, 2014

Ms. Felicia Miller, Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

SUBJECT: Huntington Beach Energy Project (HBEP)
Facility Location: 21730 Newland St, Huntington Beach, CA 92646

Dear Ms. Miller:

The South Coast Air Quality Management District (SCAQMD) has received permit applications for the subject project. The applicant is proposing to replace the two existing electric utility boiler generator Units 1 and 2 that are older, less efficient units and which have been in operation since the 1950's with a new, state of the art and more efficient gas turbine generating system. The new generating system will consist of six natural gas-fired Mitsubishi 501DA combined cycle gas turbine generators configured as two 3-on-1 power blocks each with a steam turbine generator. The combined generating capacity of the HBEP will be 939 MW, as limited by the existing transmission line interconnect. This capacity replaces the generating capacity of the existing Unit 1 (215 MW) and Unit 2 (215 MW) at the Huntington Beach site as well as existing Unit 6 (175 MW) and Unit 8 (460 MW) at AES' Redondo Beach facility. The new HBEP will be equipped with air pollution control equipment, which consists of catalysts (selective catalytic reduction and oxidation catalysts). Additional new proposed equipment will include a 24,000 gallon aqueous ammonia storage tank.

The SCAQMD has evaluated the permit applications and made a preliminary determination that the equipment will comply with all of the applicable requirements of our rules and regulations. Attached for your review and comment is a Preliminary Determination of Compliance (PDOC) that includes the SCAQMD's engineering analysis. Based on the emission potential, this project is subject to the public notice requirements specified in SCAQMD Rules 212 – Standards for Approving Permits and Issuing Public Notice, 1710 – Prevention of Significant Deterioration Analysis, Notice and Reporting, 1714 – Prevention of Significant Deterioration for Greenhouse Gases, 3006 – Title V Public Participation.

We intend to issue the final permit 1) upon completion of the 30-day public comment and review period and after all pertinent comments have been considered, 2) after EPA's review of the Title V permit significant revision, and 3) upon issuance of a license for the project from the California Energy Commission.

The public notice and 45-day EPA review period for this project will be initiated in the near future.

Ms. Miller

Page 2

January 24, 2014

If you wish to provide comments or have any questions regarding this project, please contact Mr. Andrew Lee at (909) [396-2643](tel:396-2643)/alee@aqmd.gov.

Sincerely,



Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

PDOC

AYL:CDT:JTY:CGP

cc: Stephen O'Kane