



# South Coast Air Quality Management District

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April 1, 2014

Gerardo Rios  
Chief - Permits Office  
US EPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105-3901

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

Dear Mr. Rios:

The South Coast Air Quality Management District (SCAQMD) has received permit applications for the subject project. The applicant is proposing to replace 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 and an oil water separator.

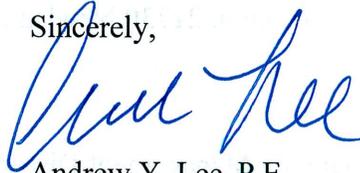
The SCAQMD has evaluated the permit applications and made a preliminary determination that the equipment will comply with all of the applicable requirements of our rules and regulations. Attached for your review and comment is a Preliminary Determination of Compliance (PDOC) that includes the SCAQMD's 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.

Please find enclosed a public notice for the subject project issued in accordance with SCAQMD Rules 212, 1710, 1714, and 3006. The public notice is also being published in a newspaper of general circulation in the vicinity of the project, and it is also being forwarded to other interested parties.

If you wish to provide comments or have any questions regarding this project, please contact Mr. Chris Perri at (909) [396-2696](tel:396-2696)/[cperri@aqmd.gov](mailto:cperri@aqmd.gov).

Sincerely,



Andrew Y. Lee, P.E.  
Sr. Engineering Manager  
Engineering and Compliance

Public Notice  
Draft Facility Permit  
PDOC

AYL:CDT:JTY:CGP