Stephen O’Kane
AES Southland, LLC
690 Studebaker Road
Long Beach, CA 90803

Regarding: HUNTINGTON BEACH ENERGY PROJECT (12-AFC-02)
Staff’s Data Requests, 107 through 109

April 16, 2013

Dear Mr. O’Kane,

Pursuant to Title 20, California Code of Regulations, section 1716, the California Energy Commission staff requests the information specified in the enclosed data requests. The information requested is necessary to: 1) more fully understand the project, 2) assess whether the facility will be constructed and operated in compliance with applicable regulations and 3) assess potential mitigation measures.

These data requests, numbered 107 through 109, are being made in the technical area of Public Health. Written responses to the enclosed data requests are due to the Energy Commission staff on or before May 16, 2013.

If you are unable to provide the information requested, need additional time, or object to providing the requested information, please send a written notice to the Committee and me within 20 days of receipt of this notice. The notification must contain the reasons for the inability to provide the information or the grounds for any objections (see Title 20, California Code of Regulations, section 1716 (f)).

If you have any questions regarding the enclosed data requests, please call me at (916) 654-4640.

Sincerely,

Felicia Miller
Siting Project Manager

Enclosure (Data Request Packet)
cc: Docket (12-AFC-02)
HEALTH RISK ASSESSMENT (HRA)

BACKGROUND

The applicant’s HRA was prepared using the ARB’s HARP model, version 1.4f (ARB, 2011) and HARP On-ramp program (version 1.0). The HARP On-ramp tool was used to import the American Meteorological Society/EPA Regulatory Model (AERMOD) air dispersion modeling results into the HARP Risk Module. Emissions of non-criteria pollutants from the project were analyzed using emission factors obtained mainly from the ARB California Air Toxics Emission Factors (CATEF) emission database (ARB, 2012). Air dispersion modeling combined the emissions with site-specific terrain and meteorological conditions to analyze the mean short-term and long-term concentrations in air for use in the HRA. Ambient concentrations were used in conjunction with Reference Exposure Levels (RELs) and cancer unit risk factors to estimate the cancer and non-cancer risks from operations.

Air Quality staff submitted a data request to require the applicant to update all the modeling submitted on the project to date using the new, 5-year meteorology data set provided by SCAQMD. Since the results of HRA are also subject to the results of air modeling, an updated HRA is necessary.

DATA REQUEST

107. After updating any air quality modeling using the new, 5-year meteorology data set provided by SCAQMD, please provide updated information for the corresponding HRA for air toxics, for both construction and operation.

108. Please provide updated information for the HRA using the SCAQMD’s suggested formaldehyde emission factor, 3.6×10^{-4} lbs/MMBtu.

109. If the results of any health risk assessment results in a health risk of greater than 10 in a million, please provide a map containing health risk isopleths, including an isopleth showing the risk value of 10 in a million.
APPLICATION FOR CERTIFICATION FOR THE
HUNTINGTON BEACH ENERGY PROJECT

SERVICE LIST:

APPLICANT
AES Southland Development, LLC
Stephen O'Kane
Jennifer Didlo
690 Studebaker Road
Long Beach, CA 90803
stephen.okane@aes.com
jennifer.didlo@aes.com

APPLICANT'S CONSULTANTS
CH2Mhill
Robert Mason
Project Manager
6 Hutton Centre Drive, Suite 700
Santa Ana, CA 92707
robert.mason@CH2M.com

APPLICANT'S COUNSEL
Melissa A. Foster
Stoel Rives, LLP
500 Capitol Mall, Suite 1600
Sacramento, CA 95814
mafoster@stoel.com

INTERVENOR
Jason Pyle
9071 Kapaa Drive
Huntington Beach, CA 92646
jasonpyle@me.com

INTERESTED AGENCIES
California ISO
e-recipient@caiso.com

INTERESTED AGENCIES (Cont'd.)
California Coastal Commission
Tom Luster
45 Fremont Street, Suite 2000
San Francisco, CA 94105-2219
tluster@coastal.ca.gov

California State Parks
Huntington State Beach
Brian Ketterer
21601 Pacific Coast Highway
Huntington Beach, CA 92646
bketterer@parks.ca.gov

City of Huntington Beach
Planning & Building Department
Jane James
Scott Hess
Aaron Klemm
2000 Main Street, 3rd floor
Huntington Beach, CA 92648
james@surfcity-hb.org
shess@surfcity-hb.org
aaron.klemm@surfcity-hb.org

City of Huntington Beach
City Council
Cathy Fikes
Johanna Stephenson
2000 Main Street, 4th floor
Huntington Beach, CA 92648
cfikes@surfcity-hb.org
johanna.stephenson@surfcity-hb.org.

INTERESTED AGENCIES (Cont'd.)
Santa Ana Regional
Water Quality Board
Gary Stewart
3737 Main Street, Suite 500
Riverside, CA 92501-3339
gstewart@waterboards.ca.gov

Huntington Beach
Wetlands Conservancy
Jack Kirkorn, Director
21900 Pacific Coast Highway
Huntington Beach, CA 92646
jk0480@aol.com

ENERGY COMMISSION STAFF
Felicia Miller
Project Manager
felicia.miller@energy.ca.gov

Kevin W. Bell
Staff Counsel
kevin.w.bell@energy.ca.gov

ENERGY COMMISSION –
PUBLIC ADVISER
Blake Roberts
Assistant Public Adviser
public adviser@energy.ca.gov

COMMISSION DOCKET UNIT
California Energy Commission –
Docket Unit
Attn: Docket No. 12-AFC-02
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.ca.gov

*Indicates change
OTHER ENERGY COMMISSION PARTICIPANTS (LISTED FOR CONVENIENCE ONLY):

After docketing, the Docket Unit will provide a copy to the persons listed below. Do not send copies of documents to these persons unless specifically directed to do so.

ANDREW McALLISTER
Commissioner and Presiding Member

KAREN DOUGLAS
Commissioner and Associate Member

Susan Cochran
Hearing Adviser

Hazel Miranda
Adviser to Commissioner McAllister

Patrick Saxton
Adviser to Commissioner McAllister

Galen Lemei
Adviser to Commissioner Douglas

Jennifer Nelson
Adviser to Commissioner Douglas

Eileen Allen
Commissioners' Technical Adviser for Facility Siting

*indicates change
DECLARATION OF SERVICE

I, Diane L. Scott, declare that on April 16, 2013, I served and filed copies of the attached HUNTINGTON BEACH ENERGY PROJECT (12-AFC-02), Staff’s Data Requests, 107 through 109, dated April 16, 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: http://www.energy.ca.gov/sitingcases/huntington_beach_energy/index.html.

The document has been sent to the other parties on the Service List above in the following manner:

(Check one)

For service to all other parties and filing with the Docket Unit at the Energy Commission:

X  I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as “hard copy required”; OR

____ Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: April 16, 2013

Diane L. Scott, Project Assistant
Siting, Transmission and Environmental Protections Division