



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

***APPLICATION FOR CERTIFICATION FOR THE
HUNTINGTON BEACH ENERGY PROJECT***

Docket No. 12-AFC-02

NOTICE OF PUBLIC SITE VISIT, ENVIRONMENTAL SCOPING MEETING AND INFORMATIONAL HEARING

On June 27, 2012 AES Southland Development, LLC (AES-SLD) submitted an Application for Certification (AFC) to the California Energy Commission seeking permission to construct and operate a power generation facility, the Huntington Beach Energy Project (HBEP), located in the city of Huntington Beach just north of the intersection of the Pacific Coast Highway and Newland Street. The project would be located entirely within the footprint of the existing AES Huntington Beach Generating Station, an operating power plant.

The HBEP is a proposed natural-gas fired, combined-cycle, air-cooled, 939-megawatt (MW) electrical generating facility that would replace the AES Huntington Beach Generating Station. HBEP will consist of two independently operating, three-on-one, combined-cycle gas turbine power blocks. Each power block will consist of three gas-fired combustion turbine generators (CTG), three supplemental fired heat recovery steam generators (HRSG), one steam turbine generator (STG), an air-cooled condenser, and related ancillary equipment. Other equipment and facilities to be constructed and shared by both power blocks include natural gas compressors, water treatment facilities, emergency services, and administration and maintenance buildings.

PLEASE TAKE NOTICE that the Committee assigned to this proceeding has scheduled a Public Site Visit, Environmental Scoping Meeting, and Informational Hearing as described below:

MONDAY, SEPTEMBER 10, 2012

Public Site Visit begins (bus leaves library) at 4:00 p.m.

Environmental Scoping Meeting/Informational Hearing begins at 5:00 p.m.

Huntington Beach Central Library

7111 Talbert Avenue

Huntington Beach, CA 92648

(Map attached)

Members of the public are invited to join the Committee on a tour of the proposed site before the Environmental Scoping Meeting/Informational Hearing. Complimentary bus transportation from the Huntington Beach Central Library to the site will be provided, and will depart at 4:00 p.m. For site visit and bus reservations, please contact the Commission's Public Adviser's Office, at (916) 654-4489 or 1-800-822-6228 or e-mail: publicadviser@energy.ca.gov. Please make your reservation on or before **September 4, 2012**, so that we can assure you a space.



TELECONFERENCE OPTION: *Parties and the Public may attend the Environmental Scoping Meeting/Informational Hearing in person at the above location or by telephone and/or by computer via our "WebEx" web conferencing system. For details on how to participate by WebEx, please see the "Participation through WebEx" directions attached to this Notice.*

Background and Project Description

The existing Huntington Beach Generating Station currently has four operating steam generating units (Units 1, 2, 3, and 4) and one retired unit, (Unit 5). Existing Units 3 and 4 are owned by Edison Mission Huntington Beach, LLC and are operated under contract by AES Huntington Beach, LLC. Units 3 and 4 are scheduled to be permanently retired from service by November 2012 and will eventually be demolished. If the project is approved, demolition of Units 3 and 4 will occur upon completion of the first HBEP power block. Once HBEP construction is completed, the remaining units at the existing Huntington Beach Generation Station will be demolished.

The HBEP site is bounded on the west by a manufactured home/recreational vehicle park, on the north by a tank farm, on the north and east by the Huntington Beach Channel and residential areas, on the southeast by the Huntington Beach Wetland Preserve / Magnolia Marsh wetlands, and to the south and southwest by the Huntington Beach State Park and the Pacific Ocean.

The primary project features include the following components:

- Six Mitsubishi Power Systems Americas (MPSA) 501DA CTGs with a nominal rating of 118 MW each.
- Two MPSA single-cylinder, single flow, impulse, axial-exhaust-condensing STGs for outdoor installation.
- Six HRSGs, which will be horizontal, single-pressure, and natural circulation. Each HRSG has a natural-gas-fired duct burner in the HRSG inlet ductwork and an emission reduction system consisting of a selective catalytic reduction unit to control NO_x stack emissions, and an oxidation catalyst to control carbon monoxide and volatile organic compounds emissions in the outlet ductwork. The CTGs will be equipped with evaporative coolers on the inlet air system and dry low NO_x (oxides of nitrogen) combustors.

- Two air-cooled condensers and two closed-loop cooling coolers.
- Two 230-kV interconnections to the existing on-site SCE 230-kV switchyard.
- Direct connection with the existing on-site 16-inch-diameter SoCalGas natural gas pipeline.
- Connection to an existing on-site 8-inch-diameter city of Huntington Beach potable water line.
- Connection to an existing on-site 4-inch-diameter city of Huntington Beach combined sanitary and process forced main sewer line.

Demolition of Unit 5, scheduled to occur between the fourth quarter of 2014 and the end of 2015, will provide the space for the construction of HBEP Block 1. Construction of Blocks 1 and 2 is expected to take approximately 42 and 30 months, respectively, with Block 1 construction scheduled to occur from the first quarter of 2015 through the second quarter of 2018, and Block 2 construction scheduled to occur from the first quarter of 2018 through the second quarter of 2020. Demolition of existing Huntington Beach Generating Station Units 1 and 2 is scheduled to occur from the fourth quarter of 2020 through the third quarter of 2022.

HBEP will use potable water, provided by the city of Huntington Beach, for construction and operational process and sanitary uses. According to the AFC, total water use will be less than 20 percent of the use of the existing Huntington Beach Generating Station's units that HBEP is replacing. During HBEP operation, stormwater and process wastewater will be discharged to a retention basin and then ultimately to the Pacific Ocean via an existing outfall. Sanitary wastewater will be conveyed to the Orange County Sanitation District via the existing city of Huntington Beach sewer connection.

Two 230-kV transmission interconnections will connect HBEP Blocks 1 and 2 to the existing on-site SCE 230-kV switchyard. No off-site facilities are needed for HBEP operation.

Licensing Jurisdiction

The California Energy Commission has exclusive jurisdiction to license this project and is considering the proposal under a review process established by Public Resources Code section 25540.6. The power plant licensing process, which incorporates requirements equivalent to those of the California Environmental Quality Act (CEQA), considers all relevant engineering and environmental aspects of the proposed project. The licensing review provides a public forum allowing the Applicant, Commission staff, governmental agencies, adjacent landowners, and members of the public to consider the advantages and disadvantages of the project, and to propose changes, mitigation measures, and alternatives as necessary.

The engineering and environmental details of the proposed project are contained in the AFC. Copies of the AFC are available at the local public agencies that are involved in the review process and at the following libraries:

Donald Dungan Library 1855 Park Avenue Costa Mesa, CA 92627	Mesa Verde Library 2969 Mesa Verde Drive Costa Mesa, CA 92626	Fountain Library 17635 Los Alamos Fountain Valley, CA 92708
Huntington Beach Library 7111 Talbert Avenue Huntington Beach, CA 92648	Mary Wilson Library 707 Electric Avenue Seal Beach, CA 90740	Orange County Library 1501 E St. Andrew Place Santa Ana, CA 92705

Copies are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at public libraries in Eureka, San Francisco, Fresno, Los Angeles, and San Diego.

Purpose of the Public Site Visit, Environmental Scoping Meeting and Informational Hearing

The Public Site Visit, Environmental Scoping Meeting, and Informational Hearing scheduled in this Notice provide an opportunity for members of the community in the project vicinity to obtain information, to offer comments, and to view the project site. The information and the public comment provided at the Environmental Scoping Meeting/Informational Hearing will assist the Committee in determining the scope and content of the environmental information that may be needed for a thorough review of the proposed project. The Applicant will explain its plans for developing the project and the related facilities and the Energy Commission staff will explain the licensing process and its role in the reviewing of the project. Members of the public may present oral comments at the Environmental Scoping Meeting/Informational Hearing and no advance notice need be provided. Members of the public may also ask Commission staff and the applicant questions about the proposed site and facility.

Proposed Schedule and Issue Identification Report

Commission staff will file a proposed schedule for project review. Staff will also file an Issues Identification Report summarizing the major issues. This report will also indicate what additional information is necessary to resolve issues of concern. The proposed schedule and Staff's report shall be filed by **noon on August 31, 2012**. The Applicant shall file its response, if any, by **noon on September 6, 2012**.

Copies of these documents will be posted on the Energy Commission's Internet web page at: http://www.energy.ca.gov/sitingcases/huntington_beach_energy/index.html.

Public Adviser and Public Participation

The Energy Commission Public Adviser's Office is available to assist the public in participating in the application review process. For information on how to participate, contact the Public Adviser's Office at (916) 654-4489 or 1-800-822-6228 or e-mail: mail to: publicadviser@energy.ca.gov.

If you have a disability and need assistance to participate in this event, contact Lourdes Quiroz well in advance of the hearing at (916) 654-5146 or e-mail: lou.quiroz@energy.ca.gov.

Information

Questions of a legal or procedural nature should be directed to Raoul Renaud, the Hearing Adviser, at (916) 651-2020, or e-mail: raoul.renaud@energy.ca.gov.

Technical questions concerning the project should be addressed to Felicia Miller, Staff Project Manager, at: (916) 654-4640, or e-mail: felicia.miller@energy.ca.gov.

Media inquiries should be directed to the Office of Media and Public Communications at (916) 654-4989 or e-mail at: mediaoffice@energy.ca.gov.

Information concerning the status of the project, as well as notices and other relevant documents, may be viewed on the Energy Commission's Internet web page at: http://www.energy.ca.gov/sitingcases/huntington_beach_energy/index.html.

Dated: August 22, 2012, at Sacramento, California.

Original Signed By:

ANDREW McALLISTER
Commissioner and Presiding Member
Huntington Beach Energy Project AFC Committee

Original Signed By:

KAREN DOUGLAS
Commissioner and Associate Member
Huntington Beach Energy Project AFC Committee

Mailed to Lists: POS, 7436, 7437, 7438, 7439.

**PARTICIPATION IN THE HUNTINGTON BEACH ENERGY PROJECT
ENVIRONMENTAL SCOPING MEETING/INFORMATIONAL HEARING
THROUGH WEBEX
THE ENERGY COMMISSION'S ON-LINE MEETING SERVICE**

1. COMPUTER LOG-ON WITH A DIRECT PHONE NUMBER:

- Please go to <https://energy.webex.com> and enter the unique meeting number:
- *Environmental Scoping Meeting/Informational Hearing* unique meeting number: **921 566 854**
- When prompted, enter your information and the MEETING PASSWORD: **huntington1!**

After you login, a prompt will appear on-screen for you to provide your phone number. In the **Number box**, type your area code and phone number and click OK. **You will receive a call back on your phone for the audio portion of the meeting.** International callers can use the "Country/Region" button to help make their connection.

2. COMPUTER LOG-ON FOR CALLERS WITH AN EXTENSION PHONE NUMBER, ETC:

- Please go to <https://energy.webex.com> and enter the unique meeting number and the meeting password (above).
- *After you login, a prompt will ask for your phone number. Click "CANCEL."*
- *Instead call 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number above and your unique Attendee ID number which is listed in the top left area of your computer screen after you login.*

3. TELEPHONE ONLY (NO COMPUTER ACCESS):

- *Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number:*
- *Environmental Scoping Meeting/Informational Hearing* unique meeting number: **921 566 854**

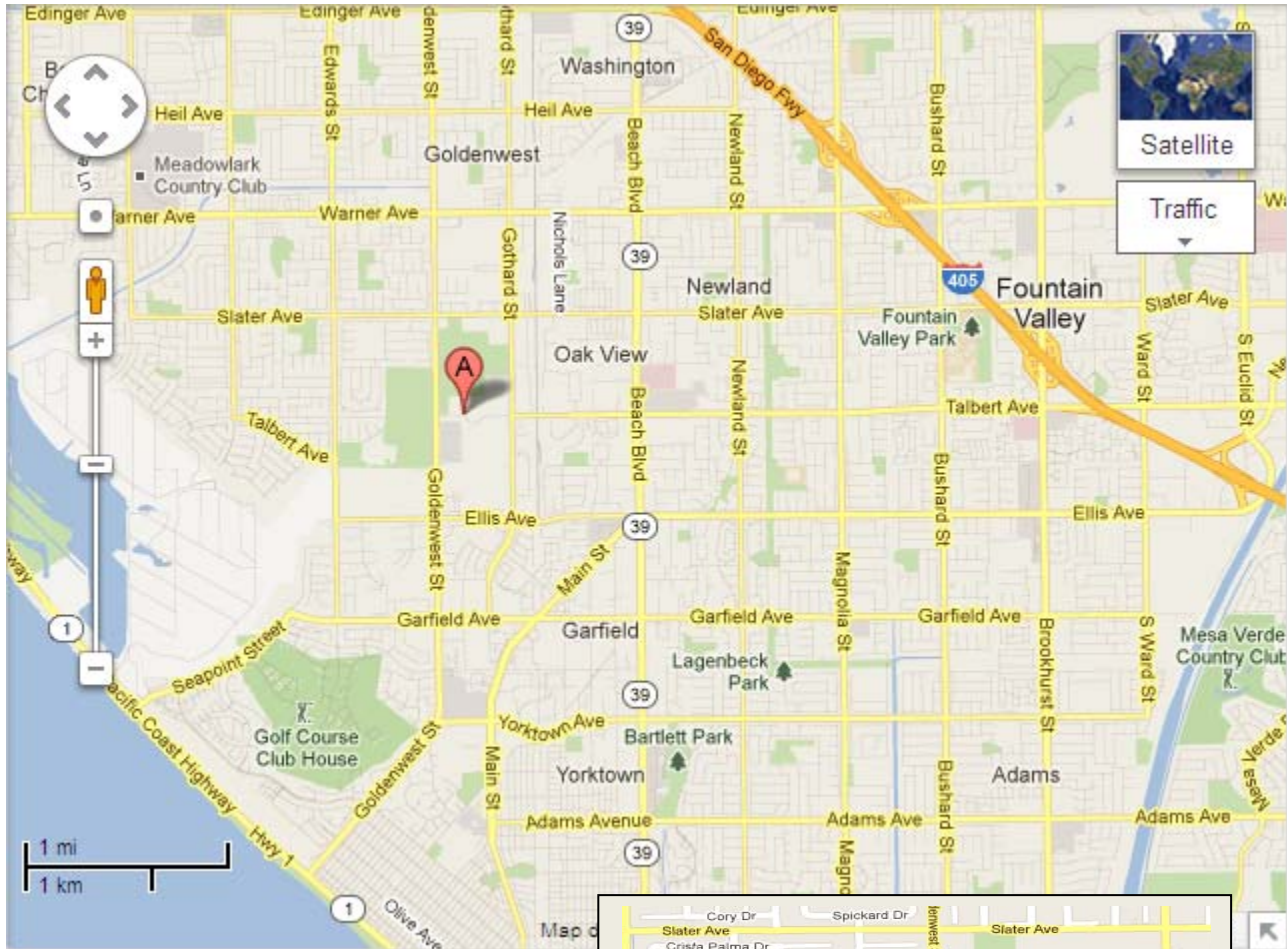
If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239. To see if your computer is compatible, visit <http://support.webex.com/support/system-requirements.html>.

Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.

MONDAY, SEPTEMBER 10, 2012

Public Site Visit begins (bus leaves Huntington Beach Central Library) at 4:00 p.m.

**Huntington Beach Central Library
7111 Talbert Avenue
Huntington Beach, CA 92648**





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**APPLICATION FOR CERTIFICATION FOR THE
HUNTINGTON BEACH ENERGY PROJECT**

Docket No. 12-AFC-02
(Revised 8/21/12)

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**ENERGY COMMISSION –
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PUBLIC ADVISER**

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DECLARATION OF SERVICE

I, Maggie Read, declare that on August 22, 2012, I served and filed a copy of the attached NOTICE OF SITE VISIT, ENVIRONMENTAL SCOPING MEETING AND INFORMATIONAL HEARING, dated August 22, 2012. This document is accompanied by the most recent Proof of Service list, located on 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 in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit or Chief Counsel, as appropriate, in the following manner:

(Check all that Apply)

For service to all other parties:

- Served electronically to all e-mail addresses on the Proof of Service list;
- Served by delivering on this date, either personally, or for mailing with the U.S. Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses marked ***"hard copy required"** or where no e-mail address is provided.

AND

For filing with the Docket Unit at the Energy Commission:

- by sending one electronic copy to the e-mail address below (preferred method); **OR**
- by depositing an original and 12 paper copies in the mail with the U.S. Postal Service with first class postage thereon fully prepaid, as follows:

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

OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:

- Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

California Energy Commission
Michael J. Levy, Chief Counsel
1516 Ninth Street MS-14
Sacramento, CA 95814
michael.levy@energy.ca.gov

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

Original Signed By:

Maggie Read
Hearing Adviser's Office