

DOCKETED

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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
REDONDO BEACH ENERGY PROJECT**

Docket No. 12-AFC-03

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

On November 20, 2012, AES Southland, LLC (AES) submitted an Application for Certification (AFC) to the California Energy Commission seeking permission to construct and operate a power generation facility, the Redondo Beach Energy Project (RBEP), located at 1100 North Harbor Drive, in the City of Redondo Beach, Los Angeles County. The site is southeast of the intersection of North Harbor Drive and Herondo Street. The project would be located entirely within the footprint of the existing AES Redondo Beach Generating Station, an operating power plant.

RBEP is a proposed natural-gas fired, combined-cycle, air-cooled, gross-generating 511-megawatt (MW) electrical generating facility that would replace the existing and still operational AES Redondo Beach Generating Station. RBEP will consist of one power block composed of three natural gas combustion turbine generators (CTG), three supplemental-fired heat recovery steam generators (HRSG), a steam turbine generator (STG), an air-cooled condenser, and ancillary facilities. RBEP will also include natural gas compressors, water treatment facilities, emergency services, and administration and maintenance buildings. The existing Redondo Beach Generating Station Units 1 through 8 and auxiliary boiler no. 17 will be demolished as part of the project.

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:

TUESDAY, OCTOBER 1, 2013

**Public Site Visit begins (buses leave Performing Arts Center) at 4:00 p.m.
Environmental Scoping Meeting/Informational Hearing begins at 5:30 p.m.**

**Redondo Beach Performing Arts Center
1935 Manhattan Beach Blvd.
Redondo Beach, CA 90278
(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 Redondo Beach Performing Arts Center to the site will be provided, and will depart at 4:00 p.m., Please contact the Energy Commission's Public Adviser's Office at, (916) 654-4489 or 1-800-822-6228 or e-mail: publicadviser@energy.ca.gov to reserve a seat of the bus for the site visit. Please make your reservation on or before Tuesday, September 17, 2013, 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 Redondo Beach Generating Station currently has four operating steam generating units (Units 5, 6, 7, and 8) and four retired units (Units 1, 2, 3, and 4).

The RBEP site encompasses approximately 50 acres and includes 16.8 acres of construction laydown and parking, 10.5 acres where the new aboveground equipment of RBEP will be constructed, a 2.2-acre existing switchyard, and the remaining 20 acres which encompass the footprint of the existing Redondo Beach Generating Station aboveground equipment (stacks, turbines, control buildings, etc.). The RBEP site is located within the city of Redondo Beach, but the northern boundary is adjacent to the city of Hermosa Beach. The project site is bounded to the north by residential areas, to the east by a storage facility and office buildings, to the south by mixed use residential and commercial areas, and to the west by King Harbor marina and the Pacific Ocean.

The primary project features include the following components:

- Three Mitsubishi Power Systems Americas (MPSA) 501D CTGs with a nominal rating of 119 MW each. The CTGs will be equipped with evaporative coolers on the inlet air system and dry low oxides of nitrogen (NOx) combustors;
- One single-cylinder, single-flow, impulse, axial exhaust condensing STG rated at 151 MW;
- Three single-pressure, natural-circulation HRSGs, each with 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 NOx stack emissions, and an oxidation catalyst to control carbon monoxide and volatile organic compounds emissions in the outlet ductwork;
- One air-cooled condenser;
- A 230-kV interconnection to the existing, onsite, SCE switchyard;

- Direct connection to the existing, onsite, Southern California Gas Company (SoCalGas) 20-inch-diameter natural-gas pipeline;
- Demolition of Units 1 through 8 and auxiliary boiler no. 17;
- Demolition of existing administrative buildings and ancillary facilities;
- Connection to existing onsite potable water line; and
- Connection to existing onsite sanitary pipeline and to the existing permitted ocean outfall.

Commencing in January 2016, the first activities will be the dismantling and partial removal of the retired units. The major generating equipment (including steam turbines, generators, boilers, and duct work) will be removed, leaving the administration building and western portion of the building that houses Units 1–4 intact to provide screening between the construction site of the new power block and Harbor Drive. Construction of the new power block will begin in the first quarter of 2017 and continue through to the end of the second quarter 2019, when RBEP will be ready for commercial operation. Units 5–8 and auxiliary boiler no. 17 will remain in service until the second quarter of 2018; demolition of these units will commence in the first quarter of 2019 and continue through the fourth quarter of 2020. During the demolition and removal of Units 5–8, the Wyland Whaling Wall will be dismantled and moved to a new location directly in front of the new power block. Finally, the remaining buildings and structures left standing will be demolished and removed by the end of 2020. In all, construction and demolition activities would occur on site for about 60 months.

RBEP will use the existing natural gas, water, sewer, and high-voltage interconnections to the site; no offsite linear developments are necessary or proposed as part of the project. RBEP will continue the use of potable water for construction, operational process, and sanitary uses, but at substantially lower volumes than the existing Redondo Beach Generating Station has historically used. Potable water will continue to be provided by the California Water Service Company. The new generating units will employ air-cooled condensers and will eliminate the use of ocean water at the site. During RBEP operation, stormwater and process wastewater will be discharged to a retention basin and then ultimately to the Pacific Ocean via an existing permitted outfall. Sanitary wastewater will be conveyed to the Los Angeles County Sanitation District via the existing City of Redondo Beach sewer connection. The RBEP power block will connect to the existing onsite Southern California Edison (SCE) 230-kilovolt (kV) switchyard via a new onsite interconnection.

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 Application for Certification (AFC). Copies of the AFC are available at the following libraries:

Redondo Beach Public Library 303 North Pacific Coast Highway Redondo Beach, CA 90277	Hermosa Beach Public Library 550 Pier Avenue Hermosa Beach, CA 90254
Katy Geissert Civic Center Library 3301 Torrance Blvd. Torrance, CA 90503	Manhattan Branch Library 1320 Highland Avenue Manhattan Beach, CA 90266
Rancho Palos Verdes Estates Public Library 29089 Palos Verdes Drive East Rancho Palos Verdes, CA 90275	

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. The AFC is also available on-line at: http://www.energy.ca.gov/sitingcases/redondo_beach/documents/applicant/AFC/

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 September 23, 2013**. The Applicant shall file its response, if any, by **noon on September 27, 2013**.

Copies of these documents will be available on the Energy Commission's Internet web page at: http://www.energy.ca.gov/sitingcases/redondo_beach/. To view these documents, select the "Documents for this Proceeding (Docket Log)" link and click on the link for the desired document.

Public Adviser and Public Participation

The Energy Commission Public Adviser's Office is available to assist the public in understanding the siting process and ways in which interested groups and the public can participate 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: 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.

This Notice of Site Visit/Environmental Scoping/Informational Meeting has been mailed to all parties that requested placement on the mailing list during the pre-filing period; to property owners located within 1000 feet of the proposed project site; and to property owners located within 500 feet of any project linear features (e.g. pipelines). **If you want to continue to receive notice of all project-related activities and notices when documents related to the project's evaluation are available for review, you must sign up on the e-mail list serve at www.energy.ca.gov/listservers/. If you are unable to receive future notices by e-mail and would like future notices to be sent to you in the mail, you will need to contact the Public Adviser at (916) 654-4489 or 1-800-822-6228 or e-mail: publicadviser@energy.ca.gov.**

Information

Questions of a legal or procedural nature should be directed to Susan Cochran, the Hearing Adviser, at (916) 654-3965, or e-mail: susan.cochran@energy.ca.gov.

Technical questions concerning the project should be addressed to, Patricia Kelly, Staff Project Manager, at: (916) 654-4063, or e-mail: patricia.kelly@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/redondo_beach/.

Dated: September 5, 2013, at Sacramento, California.

Original Signed By:

KAREN DOUGLAS
Commissioner and Presiding Member
Redondo Beach Energy Project AFC Committee

Original Signed By:

JANEA SCOTT
Commissioner and Associate Member
Redondo Beach Energy Project AFC Committee

Mailed to list numbers: 15-A, 15-C, 15-D, 15-PO

**PARTICIPATION IN THE REDONDO 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>.
- Enter the **MEETING NUMBER: 929 467 936**
- When prompted, enter the **MEETING PASSWORD: pwd#1516**

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** (above).
- **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>.

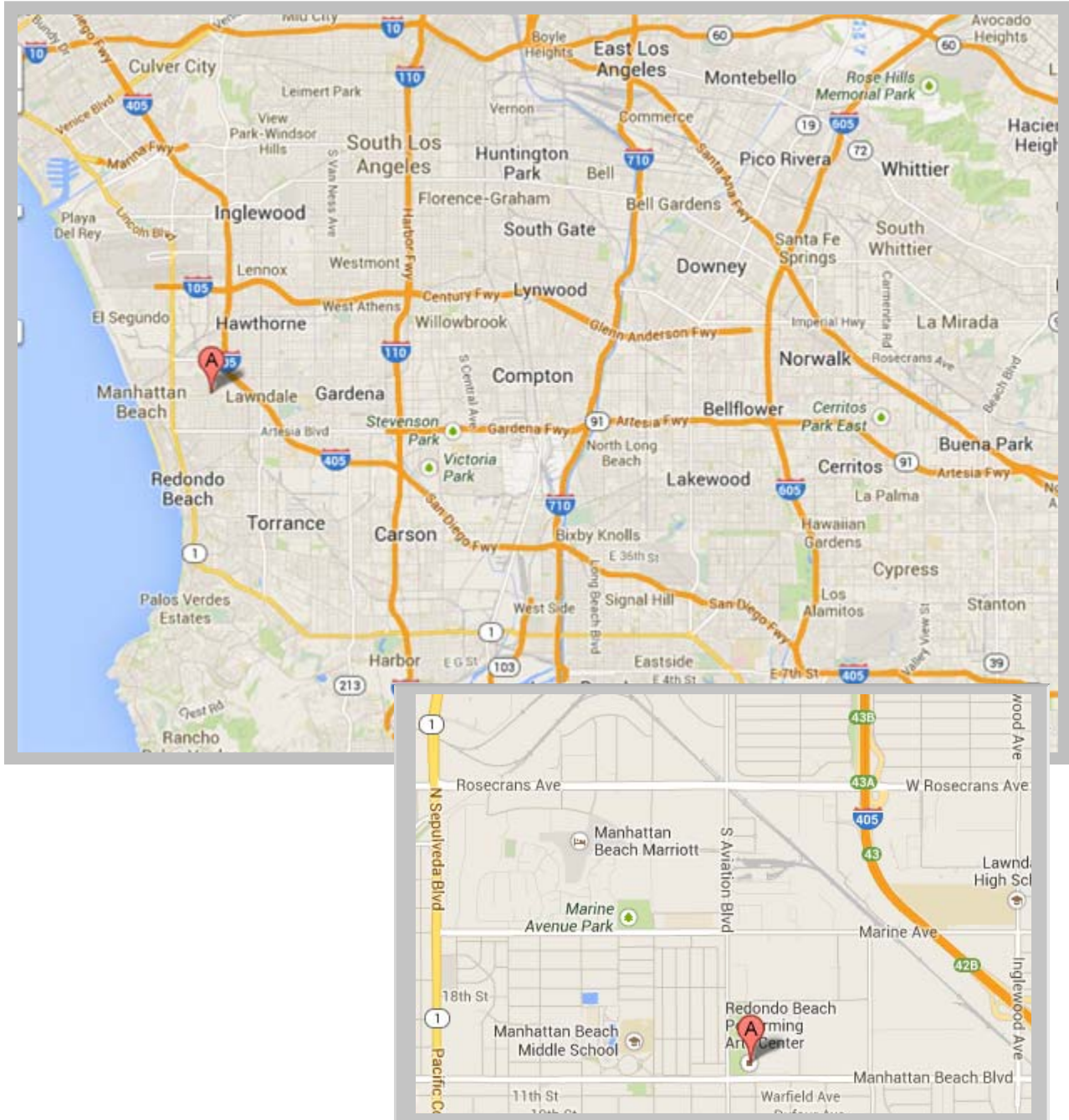
Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.

TUESDAY, OCTOBER 1, 2013

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

Environmental Scoping Meeting/Informational Hearing begins at 5:30 p.m.

**Redondo Beach Performing Arts Center
1935 Manhattan Beach Blvd.
Redondo Beach, CA 90278**



TUESDAY, OCTOBER 1, 2013

**Redondo Beach Application for Certification
Public Site Visit/Environmental Scoping Meeting/Informational Hearing
Public Site Visit beginning at 4:00 p.m.
Environmental Scoping Meeting/Informational Hearing beginning at 5:30 p.m.**

Meeting Agenda

1. Call to Order
2. Site Visit
3. Environmental Scoping/Informational Meeting
 - a. Presentation about the proposed application for certification by the Project Owner, Commission Staff, and the Public Adviser's Office.
 - b. Discussion of schedule and other matters related to the proposed application for certification.
 - c. Consider pending motions (if any).
4. Public Comment
Members of the public and other interested persons and entities may speak up to three minutes on a matter appearing on this agenda.
5. Closed Session

Committee closed session consideration of the following Item:

Redondo Beach Energy Project (AFC 12-AFC-03). Deliberation on matters for decision by the Committee, such as pending motions and scheduling. (Contact: Susan Cochran)

The Committee may adjourn to closed session in accordance with Government Code, section 11126, subdivision (c)(3), which allows a state body, including a delegated committee, to hold a closed session to deliberate on a decision to be reached in a proceeding the state body was required by law to conduct. The Committee may adjourn to a closed session at any point during the meeting and may conduct multiple closed sessions as necessary.

6. Adjourn

Agency Contact: Susan Cochran, Hearing Adviser, (916) 654-3965 or e-mail: susan.cochran@energy.ca.gov.