

## DOCKETED

<b>Docket Number:</b>	13-AFC-01
<b>Project Title:</b>	Alamitos Energy Center
<b>TN #:</b>	202006
<b>Document Title:</b>	Notice of Public Site Visit, Environmental Scoping Meeting and Informational Hearing, and Committee Order
<b>Description:</b>	Notice of Public Site Visit, etc.
<b>Filer:</b>	Darlene Burgess
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Committee
<b>Submission Date:</b>	4/11/2014 11:40:09 AM
<b>Docketed Date:</b>	4/11/2014



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  
**ALAMITOS ENERGY CENTER**  
**AES SOUTHLAND DEVELOPMENT, LLC,**

DOCKET No. 13-AFC-01

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

On December 27, 2013, AES Southland Development, LLC submitted an Application for Certification (AFC) to modernize the existing Alamitos Generating Station (AGS). The Alamitos Energy Center (AEC) would be located on approximately 63 acres of privately owned land. The proposed project site is bounded to the north by State Route 22, to the east by the San Gabriel River, to the south by 2nd Street, and to the west by N. Studebaker Rd. in the City of Long Beach, Los Angeles County, California. The AEC is a proposed natural-gas-fired combined-cycle electrical generating facility with a net generating capacity of 1,936 megawatt (MW), which would replace and be constructed on the site of the AGS.

**PLEASE TAKE NOTICE** that the Energy Commission has designated a Committee of two commissioners to conduct proceedings on the AFC. The Committee has scheduled a public site visit as well as an Environmental Scoping Meeting and Informational Hearing to discuss the proposed project as described below:

**TUESDAY, APRIL 29, 2014**

**Site Visit begins at 3:30 p.m.**

**Public Informational Hearing and Scoping Meeting begins at 4:30 p.m.**

**Grand Ballroom**

**RECREATION PARK 18 GOLF COURSE**

**5001 DEUKMEJIAN DRIVE**

**LONG BEACH, CA 90804**

**(See Map Attached)**

Prior to the Informational Hearing and Scoping Meeting, the public is invited to join the Committee on a tour of the proposed site. The Applicant will provide transportation to

and from the project site leaving from the Recreation Park 18 Golf Course parking lot at 5001 Deukmejian Drive Long Beach, CA 90804, at 3:30 p.m. For reservations, please contact the Energy Commission's Public Adviser's Office at (916) 654-4489 or 800-822-6228 or e-mail: [publicadviser@energy.ca.gov](mailto:publicadviser@energy.ca.gov). **Please make your reservation on or before April 22, 2014, so that we can assure you a space.**



**TELECONFERENCE OPTION:** *Parties and the Public may attend the Public Informational Hearing and Scoping Meeting 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**

On March 12, 2014, the Energy Commission began review of the proposed AEC. The Energy Commission has exclusive jurisdiction to license this project and is considering the proposal under a 12-month review process established under Public Resources Code section 25540.6. During the review period, the Energy Commission will determine whether the proposed project complies with applicable laws related to public health and safety, environmental impacts, and engineering requirements. The Informational Hearing and Scoping Meeting scheduled by this Notice are sponsored by the Energy Commission to inform the public about the project and to invite public participation in the review process.

## **Project Description**

The AEC is a proposed natural-gas-fired, fast starting, combined-cycle gas-turbine, air-cooled generating facility with a net generating capacity of 1,936 megawatts (MW) and gross generating capacity of 1,995 MW. The existing AGS Units 1–6 and retired AGS Unit 7 would be demolished in phases, along with related facilities and several warehouses.

The AEC would have the following design elements:

- 12 Mitsubishi 501DA combustion-turbine generators (CTG) with a nominal rating of approximately 119 MW each;
  - The CTGs would be equipped with evaporative coolers on the inlet air system and dry low oxides of nitrogen (NOx) combustors;
- Four single-cylinder steam turbine generators with a nominal rating of approximately 143 MW each - 12 heat recovery steam generators (HRSG);

- Each HRSG would be equipped with a selective catalytic reduction (SCR) unit in the outlet ductwork for the control of NO<sub>x</sub> emissions and an oxidation catalyst to control carbon monoxide (CO) and volatile organic compound (VOC) emissions;
- Four air-cooled condensers and four closed-loop cooling fin fan coolers, which would enable elimination of the existing ocean water once-through cooling system;
- Four 230-kV interconnections to the existing Southern California Edison transmission switchyard, which is adjacent to the site;
- Direct connection to an existing SoCalGas 30-inch-diameter natural gas pipeline;
- Connection to existing onsite potable water lines, with water to be provided by the City of Long Beach Water Department (LBWD) for construction, operational process, sanitary uses; and
- Re-contouring of two existing retention basins and the existing outfalls to the San Gabriel River.

The AEC would also include a new 1,000 linear foot process/sanitary wastewater pipeline to the first point of interconnection with the existing LBWD sewer system and would eliminate the current practice of treatment and discharge of process/sanitary wastewater to the San Gabriel River. The project may also require upgrading approximately 4,000 linear feet of the existing offsite LBWD sewer line downstream of the first point of interconnection. Therefore, this possible off-site project-related improvement to the LBWD system will require analysis during the Energy Commission certification process.

Existing AGS Units 1–6 are currently in operation. All six operating units and retired Unit 7 will be demolished as part of the proposed AEC project. If the proposed project is approved, construction and demolition activities at the project site are anticipated to last 139 months (i.e., approximately 11.5 years), from first quarter 2016 until third quarter 2027. The project will commence with the demolition of retired Unit 7 and other ancillary structures to make room for the construction of AEC Blocks 1 and 2. The demolition of Unit 7 is planned to commence in the first quarter of 2016. The construction of Block 1 is scheduled to commence in the third quarter of 2016.

The engineering and environmental details of the proposed project are contained in the AFC, which may be viewed at: <http://www.energy.ca.gov/sitingcases/alamitos/>.

Copies of the AFC are available at the local public agencies that are involved in the review process and at the following libraries: Long Beach Main Library, the Los Altos, Brewitt, and Bay Shore branches of the Long Beach Public Library, and the Los Alamitos-Rossmoor Library in Seal Beach. Copies are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at

public libraries in Eureka, Fresno, San Francisco, Los Angeles, and San Diego. In addition, copies will be distributed to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

### **Purpose of the Informational Hearing and Environmental Scoping Meeting**

The power plant licensing process, which incorporates requirements equivalent to the environmental impact report process 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 general public to discuss the advantages and disadvantages of the project, and to propose changes, mitigation measures, and alternatives as necessary.

The Informational Hearing scheduled in this Notice provides an opportunity for members of the community in the project vicinity to obtain information, identify areas of environmental concern to be addressed during the environmental review of the project, offer comments, and view the project site. The Applicant will explain plans for developing the project and the related facilities. Energy Commission staff will explain the administrative licensing process and Staff's role in reviewing the AFC.

### **ORDER RE: PROPOSED SCHEDULE AND ISSUE IDENTIFICATION REPORT**

To assist participants in understanding the project, Applicant and Staff shall each file a proposed schedule for conducting the certification process, and Staff shall file an Issue Identification Report (Report) summarizing any potential issues. The proposed schedules and Staff's Report shall be filed **no later than 3 p.m., April 18, 2014.**

The documents may be viewed at:

**<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=13-AFC-01>.**

At the Informational Hearing and Scoping Meeting, the parties shall indicate whether anticipated data responses would resolve issues of concern which may be raised in Staff's Report.

### **Public Adviser and Public Participation**

The Energy Commission invites members of the public and other interested parties to participate either on an informal basis or by intervening in the proceeding. Both types of participation allow written and oral comments. At the informal participation level, written and oral public comments are considered by the Commissioners and are part of the

record, but are not part of the formal evidentiary record. Intervenors have the right to introduce evidence into the evidentiary record and cross-examine the other parties' witnesses.

The Energy Commission's Public Adviser's Office is available to provide the public with an understanding of the proceedings and to make recommendations for meaningful participation. For assistance, contact Alana Mathews, Public Adviser, at (916) 654-4489 or 800-822-6228, or e-mail at: **publicadviser@energy.ca.gov**.

If you have a disability and need assistance to participate in this event, contact Lourdes Quiroz no less than five days prior to 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 Kenneth Celli, Hearing Adviser, at (916) 651-8893, or e-mail: **Ken.Celli@energy.ca.gov**.

Technical questions concerning the project should be addressed to Keith Winstead, Staff Project Manager, at (916) 654-5191, or e-mail: keith.winstead@energy.ca.gov.

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

Information regarding the status of the project, as well as notices and other relevant documents pertaining to this proceeding, may be viewed on the Energy Commission's Internet web page at:

**<http://www.energy.ca.gov/sitingcases/alamitos/>**

Dated: April 11, 2014, at Sacramento, California.

### ***Original Signed By:***

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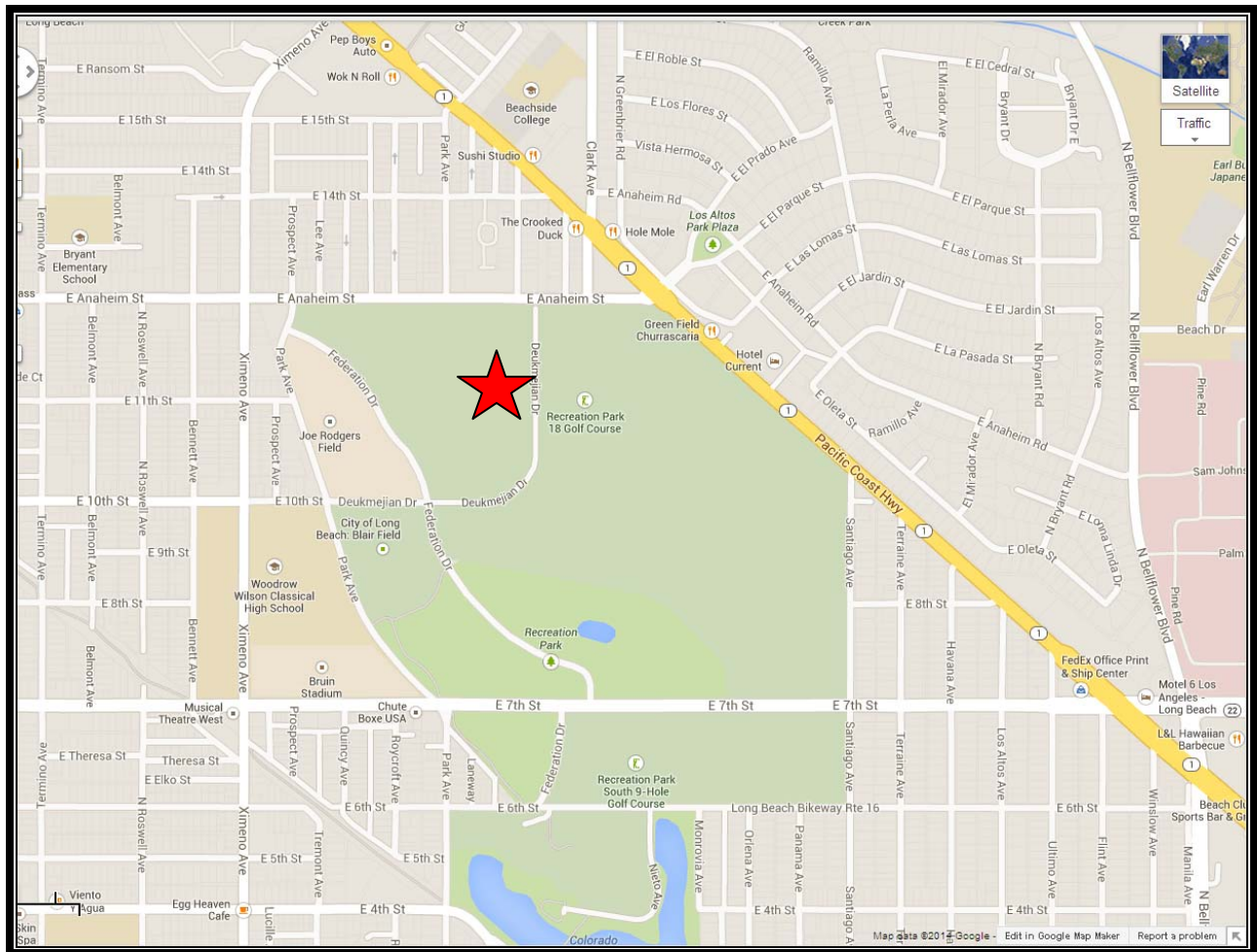
KAREN DOUGLAS  
Commissioner and Presiding Member  
AEC AFC Committee

### ***Original Signed By:***

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JANEA SCOTT  
Commissioner and Associate Member  
AEC AFC Committee

*Mailed to Lists: 7502, 7503, 7504*



**TUESDAY, APRIL 29, 2014**

**Site Visit begins at 3:30 p.m.  
Public Informational Hearing and Scoping Meeting begins at 4:30 p.m. at the**

**GRAND BALLROOM  
Recreation Park 18 Golf Course  
5001 Deukmejian Drive  
Long Beach, CA 90804**



**INSTRUCTIONS FOR USING WEBEX TELECONFERENCING  
USING YOUR COMPUTER AND/OR TELEPHONE**



EVENT	CONFERENCE OR HEARING DATE	MEETING NUMBER	PASSWORD
<b>INFORMATIONAL HEARING</b>	<i><b>TUESDAY, APRIL 29, 2014</b></i>	<b>920 972 876</b>	<b>pwd#1516</b>

**STEP 1:** Go to <https://energy.webex.com>

**STEP 2:** Enter the **Meeting Number: 920 972 876**

**STEP 3:** Enter the **Meeting Password: pwd#1516**

**STEP 4:** After you log-in, a prompt will appear on-screen asking for **your** phone number. In the **Number box**, type your area code and phone number, and then click "OK." **You will receive a call back on your phone that will transmit the audio portion of the meeting.** International callers can use the "Country/Region" button to help make their connection.

**TO LOG-IN USING A TELEPHONE NUMBER WITH AN EXTENSION:** follow Step 1 through Step 3, but after you log-in, when the prompt asks for your phone number, click, "CANCEL." Then call **1-866-469-3239** (toll-free in the U.S. and Canada). When prompted, enter the meeting number above and your unique Attendee ID number which is listed in the top left area of your computer screen after you login.

**TO LOG-IN USING A TELEPHONE ONLY (WITHOUT COMPUTER ACCESS):**

Call 1-866-469-3239 (toll-free in the U.S. and Canada) and, when prompted, enter the **Meeting Number** from the table (above) for the conference/hearing you wish to participate in.

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