

**CALIFORNIA ENERGY COMMISSION**1516 Ninth Street  
Sacramento, California 95814Main website: [www.energy.ca.gov](http://www.energy.ca.gov)**DOCKET****09-AFC-5**DATE DEC 17 2009REC'D DEC 21 2009

**Notice of Staff Workshop on  
Clarification of Data Requests, Data Responses  
Issue Resolution and Project Schedule for the  
Abengoa Mojave Solar project  
(09-AFC-5)**

The California Energy Commission staff will conduct a workshop for the proposed Abengoa Mojave Solar project to discuss the clarification of staff's data requests, applicant's expected data responses, work towards resolving outstanding issues and discuss project scheduling. All interested agencies and members of the public are invited to participate.

The workshop will be held:

**FRIDAY, January 15, 2010  
Beginning at 10:00 AM**

**A lunch break will be scheduled  
from 12:00 PM to 1:00 PM**

**California Energy Commission  
Hearing Room B  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814-5512  
(Wheelchair Accessible)**

Call-in Number (toll free): **1-888-913-9966** (pass code: **14037**)

**PURPOSE**

The purpose of the workshop is to allow staff, the applicant, interested agencies, and the public to ask for clarification of staff's outstanding data requests and discuss the applicant's responses (expected receipt in late December). The workshop will also focus

on resolving project issues and the project schedule. Subjects to be discussed include: Air Quality, Biological Resources, Cultural Resources, Geology, Hazardous Materials, Land Use, Public Health and Soil & Water Resources. Other technical areas of the data requests may be discussed as necessary.

The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/abengoa>.

## **Project Location**

The proposed project site is approximately nine miles northwest of the town of Hinkley in unincorporated San Bernardino County, approximately halfway between the city of Barstow and Kramer Junction (Highway 395 / Highway 58 junction). Project access is provided by Harper Lake Road, which is located approximately twenty miles west of Barstow along the Highway 58 corridor. The project site is approximately six miles north of where Harper Lake Road intersects with Highway 58. The existing Solar Electric Generating Stations VIII and IX facilities, owned by NextEra™ Energy Resources, are located immediately northwest of the project site. The project site is comprised of private property that was historically used as the Lockhart Ranch complex.

## **Project Description**

The proposed AMS project is a solar electric generating facility with two units on separate solar fields totaling approximately 1,765 acres. An additional 81 acres shared between the units would be utilized for improvements designed for receiving and discharging offsite drainage.

The project would utilize solar parabolic trough technology to activate a heat transfer fluid, which, when heated, is used to create steam that is used to drive steam turbine generators. The sun would provide 100 percent of the power supplied to the project. The project would have a combined nominal electrical output of 250 megawatts (MW) from twin, independently-operable solar fields, each feeding a 125-MW power island. Natural gas from an adjacent pipeline will be used for the project's ancillary equipment, such as the auxiliary boilers. Each power island would also contain a diesel engine-driven firewater pump for fire protection and a diesel engine-driven backup generator for power plant essentials.

The AMS project proposes to connect to Southern California Edison Company's Kramer-Cool Water 230-kV transmission line which is adjacent to the southern border of the proposed project site. All project-related transmission facilities would be within the project boundaries except the connection to the existing transmission line adjacent to the site. The AMS project proposes to use wet cooling towers for power plant cooling and owns or has rights to adjudicated water rights to the Harper Valley Groundwater Basin for this purpose. This groundwater is considered brackish and/or not suitable for municipal supply or other potable uses. Water from onsite groundwater wells would be treated and used for the cooling tower makeup, process water makeup, and other industrial uses such as solar collector array washing.

If approved, construction of the generating facility, from site preparation and grading to commercial operation, is expected to take place from the fourth quarter of 2010 to the fourth quarter of 2012 (24 months total). If approved, the applicant anticipates that the project would be on line and in commercial service by the fourth quarter of 2012.

## **PUBLIC PARTICIPATION**

Please direct your technical or project schedule questions to Craig Hoffman, Energy Commission Project Manager, at (916) 654-4781, or by e-mail at [choffman@energy.state.ca.us](mailto:choffman@energy.state.ca.us). If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at [pao@energy.state.ca.us](mailto:pao@energy.state.ca.us). News media inquiries should be directed to the media office at (916) 654-4989 or via email at [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us). The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/abengoa>. You can also subscribe to receive e-mail notification of all notices at <http://www.energy.ca.gov/listservers>. By being on the mailing list, you will receive notices of all project-related activities and notices when documents related to the proposed project's evaluation are available for review. If you want your name removed from the mailing list, please contact April Albright, Project Assistant, at (916) 653-1640 or by email at [aalbright@energy.state.ca.us](mailto:aalbright@energy.state.ca.us).

Date: 11/17/09

Original signed by \_\_\_\_\_  
TERRENCE O'BRIEN, Deputy Director  
Siting, Transmission & Environmental  
Protection Division

Proof of Service List 09-AFC-5  
Mail Lists:

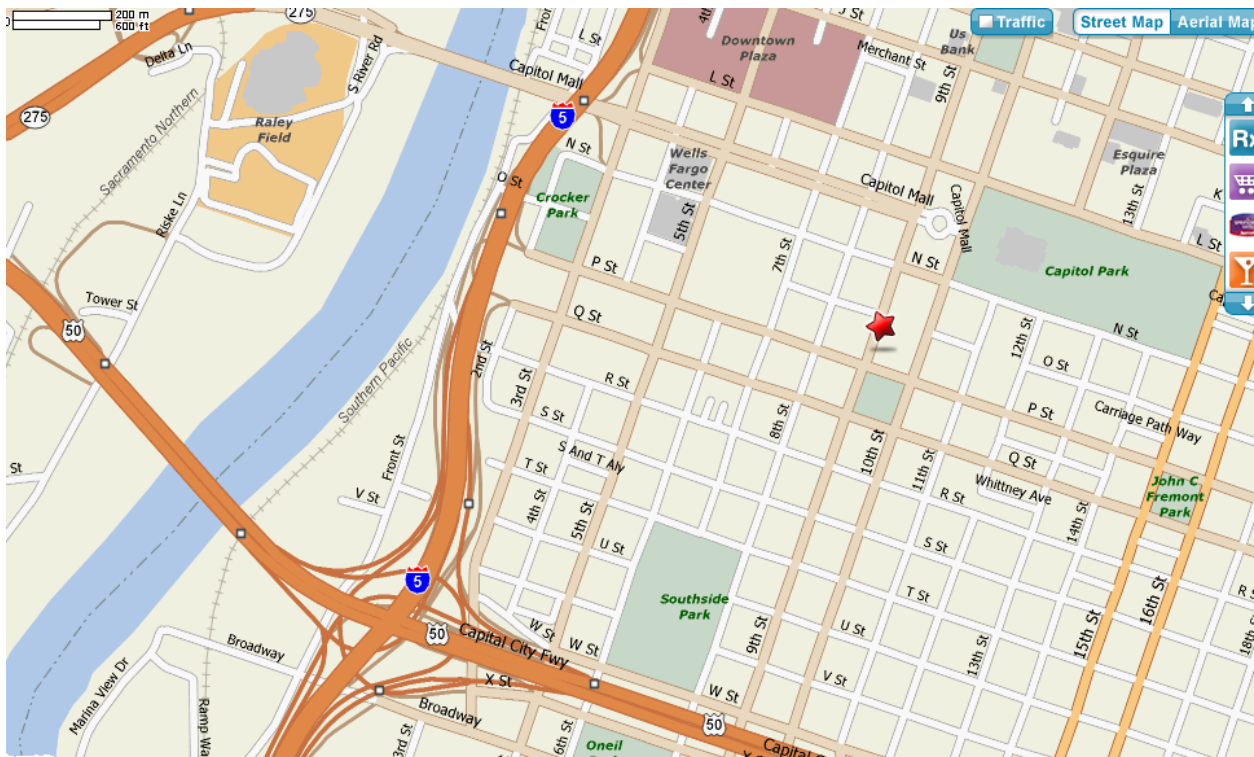
**ENERGY COMMISSION STAFF  
Clarification of Data Requests, Data Responses  
and Issue Resolution for the  
Abengoa Mojave Solar project  
(09-AFC-5)**

**Friday, January 15, 2010  
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1516 9<sup>th</sup> Street  
Sacramento, CA 95814-5512**

**(Wheelchair Accessible)**





**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](http://WWW.ENERGY.CA.GOV)**

**APPLICATION FOR CERTIFICATION  
FOR THE *ABENGOA MOJAVE*  
*SOLAR POWER PLANT***

***Docket No. 09-AFC-5***

***PROOF OF SERVICE***  
**(Revised 11/10/09)**

**APPLICANT**

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**INTERESTED AGENCIES**

California ISO  
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**INTERVENORS**

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**DECLARATION OF SERVICE**

I, April Albright, declare that on December 21, 2009, I served and filed copies of the attached Notice of Staff Workshop on Clarification of Data Requests, Data Responses Issue Resolution and Project Schedule for the Abengoa Mojave Solar Project (09-AFC-5), dated December 17, 2009. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:  
[\[http://www.energy.ca.gov/sitingcases/abengoa/index.html\]](http://www.energy.ca.gov/sitingcases/abengoa/index.html).

The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

***(Check all that Apply)***

**For service to all other parties:**

sent electronically to all email addresses on the Proof of Service list;

by personal delivery or by depositing in the United States mail at Sacramento, CA, with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

**AND**

**For filing with the Energy Commission:**

sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (preferred method);

**OR**

depositing in the mail an original and 12 paper copies, as follows:

**CALIFORNIA ENERGY COMMISSION**

Attn: Docket No. 09-AFC-5  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512  
[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

I declare under penalty of perjury that the foregoing is true and correct.

Original signed by \_\_\_\_\_  
**April Albright**