

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



DOCKET	
09-AFC-5	
DATE	OCT 21 2009
REC'D	OCT 21 2009

October 21, 2009

Dear Librarian:

SUPPLEMENTAL INFORMATION FOR ABENGOA MOJAVE SOLAR, APPLICATION FOR CERTIFICATION (09-AFC-5)

On August 10, 2009, Mojave Solar LLC submitted an Application for Certification (AFC) to the California Energy Commission to develop the Abengoa Mojave Solar (AMS) project in San Bernardino County, California. On September 23, 2009, the California Energy Commission found the AMS project data inadequate in nine sections including; air quality, biological resources, land use, project overview, public health, soils, transmission system design, visual resources and water resources. On September 24, 2009, Mojave Solar LLC submitted a Data Adequacy Supplement, Volume 4 of the AFC, covering areas earlier determined as incomplete. This Supplement was evaluated by staff and subsequently, at the Energy Commission's October 21, 2009 Business Meeting, the Energy Commission found the AFC complete, beginning Energy Commission staff's analysis of the proposed project.

We provided your library a copy of the AFC in a previous mailing. Enclosed with this cover letter is a copy of the Supplement to the AFC, which provides clarification and additions to the original AFC filing. Please file this Supplement with the original AFC, along with the enclosed letter to the public.

Please make the enclosed AFC Supplemental material available along with the original AFC, for those who may wish to be informed about the project. We request that you not allow the AFC, supplemental material, or any of its contents be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity," "energy/generation," "power plant siting," or any other relevant subject.

Thank you for your cooperation. If you have any questions, please contact Craig Hoffman, Energy Commission Project Manager, at (916) 654-4781, or by email at choffman@energy.state.ca.us or April Albright, Project Assistant, at (916) 653-1640, or by e-mail at aalbright@energy.state.ca.us.

Sincerely,

Original signed by:

Eileen Allen, Manager
Energy Facilities Compliance, Siting, and Docket
Office

Date: 10/21/09

Enclosures

PROOF OF SERVICE (CREATED 10/21/09) FILED WITH
ORIGINAL MAILED FROM SACRAMENTO ON 10/21/09

AA

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



October 21, 2009

To: MEMBERS OF THE PUBLIC**PUBLIC PARTICIPATION IN THE REVIEW OF THE ABENGOA MOJAVE SOLAR PROJECT, DISTRIBUTION OF APPLICATION FOR CERTIFICATION SUPPLEMENT (09-AFC-5)**

On August 10, 2009, Mojave Solar LLC submitted an Application for Certification (AFC) to the California Energy Commission to develop the Abengoa Mojave Solar (AMS) project in San Bernardino County, California. On September 23, 2009, the California Energy Commission found the AMS project data inadequate in nine sections including; air quality, biological resources, land use, project overview, public health, soils, transmission system design, visual resources and water resources. On September 24, 2009, Mojave Solar LLC submitted a Data Adequacy Supplement, Volume 4 of the AFC, covering areas earlier determined as incomplete. This Supplement was evaluated by staff and subsequently, at the Energy Commission's October 21, 2009 Business Meeting, the Energy Commission found the AFC complete, beginning Energy Commission staff's analysis of the proposed project.

Project Location and Current Use

The proposed project site is approximately nine miles northwest of the town of Hinkley in unincorporated San Bernardino County, lying approximately halfway between the City of Barstow and Kramer Junction. The site is comprised of private property that was historically used as the Lockhart Ranch complex. Currently there are no ranching or residential activities on the property, except for one active pivot irrigation field of approximately 40 acres. The property is currently zoned Rural Living (RL).

Project Description

The proposed AMS project is a solar electric generating facility with two units on separate solar fields to be located on 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 through the above system. 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 purposes, 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

Over the coming months, the Energy Commission will conduct a number of public workshops, scoping meetings, and hearings on the proposal to determine whether the proposed project should be approved for construction and operation and under what set of conditions. These workshops and hearings will provide the public as well as local, state and federal agencies the opportunity to ask questions about, and provide input on, the proposed project. The Energy Commission will issue notices for these workshops and hearings at least 10 days prior to the meeting.

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. If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission's Public Advisor's Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser can also be contacted via email at PublicAdviser@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.

This notice of receipt has been mailed to all parties that requested placement on the mailing list during the pre-filing period and to property owners located within 1000 feet of the proposed project site. 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.

Availability of the AFC Document and AFC Supplement Material

The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are 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>.

Copies of the AFC and Supplement are available for public inspection at the following public libraries:

Barstow Branch Library
304 E. Buena Vista St.
Barstow, CA 92311

Adelanto Branch Library
11497 Bartlett Ave.
Adelanto, CA 92301

Victorville City Library
15011 Circle Dr.
Victorville, CA 92395

Kern County Library
Mojave Branch
16916 ½ Highway 14, Space D2
Mojave, CA 93501

Apple Valley Newton T. Bass
Branch Library
14901 Dale Evans Parkway
Apple Valley, CA 92307

Barstow Community College Library
2700 Barstow Road
Barstow, California 92311

Victor Valley College
18422 Bear Valley
Victorville CA 92392-5849

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, Los Angeles, Fresno, and San Diego. In addition, this information has been shared with those public agencies that would normally have jurisdiction but for the Energy Commission's exclusive authority to certify sites and related facilities.

Note: Please retain this letter behind the front cover of the AFC. Thank You.



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 **ABENGOA MOJAVE**
SOLAR POWER PLANT

Docket No. 09-AFC-5

PROOF OF SERVICE
(Established 10/21/09)

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DECLARATION OF SERVICE

I, April Albright, declare that on October 21, 2009, 2009, I served and filed copies of the attached Library Letter for the AFC Supplement; Request for Agency Participation in the Review of the AFC Supplement; and Notice of Receipt of the AFC Supplement, dated October 21, 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/mariposa/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

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

Original signed by: _____
April Albright