

## CALIFORNIA ENERGY COMMISSION

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

**DOCKET****09-AFC-8**DATE 06/18/10RECD. 06/22/10

June 18, 2010

Dear Librarian:

**DOCUMENT HANDLING FOR THE REVISED STAFF ASSESSMENT FOR THE PROPOSED GENESIS ENERGY SOLAR PROJECT (09-AFC-8) and POSTING OF PUBLIC NOTICE**

The enclosed Revised Staff Assessment (RSA) is being published by the California Energy Commission (Energy Commission) staff. It contains staff's engineering and environmental evaluation of the proposed Genesis Energy Solar Project to be located near the City of Blythe. Please make this RSA available for those who may wish to be informed about the project. We request that you not allow the RSA or any of its contents to 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. Please retain the enclosed letter to the public behind the front cover of the RSA.

The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state and federal agencies. To facilitate public participation in our review process, the Commission distributes copies of staff documents such as the RSA to public libraries in communities near the proposed project, and in major cities throughout the state. As such, please retain a copy of the enclosed Notice of Availability behind the front cover of the RSA and also post a copy of the Public Notice in a place conspicuous and accessible to those members of the general public who visit the library.

Thank you for your cooperation. If you have any questions, please contact Mike Monasmith, Energy Commission Senior Project Manager, at (916) 654-4894, or by email at [mmonasmith@energy.state.ca.us](mailto:mmonasmith@energy.state.ca.us) or Maria Sergoyan, Project Assistant, at (916) 651-9410, or by email at: [msergoya@energy.state.ca.us](mailto:msergoya@energy.state.ca.us)

Sincerely,

\_\_\_\_\_  
ROGER JOHNSON, Siting Office Manager  
Siting, Transmission and Environmental Protection  
Division

Enclosure

Mailed to list: 7369- Library

PROOF OF SERVICE ( REVISED 6/7/10 ) FILED WITH  
ORIGINAL MAILED FROM SACRAMENTO ON 6/22/10

MS

**CALIFORNIA ENERGY COMMISSION**

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



June 18, 2010

**NOTICE OF AVAILABILITY RELATED TO THE  
REVISED STAFF ASSESSMENT FOR THE PROPOSED  
GENESIS ENERGY SOLAR PROJECT (09-AFC-8)****TO: MEMBERS OF THE PUBLIC**

This notice is to inform you of the availability of the Revised Staff Assessment (RSA) for the proposed Genesis Solar Energy Project (GSEP). The RSA contains the California Energy Commission staff's environmental, public health and engineering evaluation of the proposed GESP. The California Energy Commission encourages public agency participation in the review of the GESP Application for Certification and the RSA.

The RSA is available for public review. Written comments on the RSA should be provided by July 8, 2010 at 5:00 p.m. to Mike Monasmith, Senior Project Manager at the address on this letterhead (please add "Mail Stop 15") or by email to [mike.monasmith@energy.state.ca.us](mailto:mike.monasmith@energy.state.ca.us). Technical or project schedule questions should also be directed to Mike Monasmith at (916) 654-4894, or by email. The GSEP is scheduled for evidentiary hearings before the Energy Commission committee on July 12, 2010 in Sacramento: [http://www.energy.ca.gov/sitingcases/genesis\\_solar/notices/2010-07-01\\_Notice\\_of\\_JULY\\_PHC+EH.PDF](http://www.energy.ca.gov/sitingcases/genesis_solar/notices/2010-07-01_Notice_of_JULY_PHC+EH.PDF)

The RSA will serve as the Energy Commission staff's testimony during the Commission's evidentiary hearings. The Energy Commission Committee assigned to the GESP proceedings will consider and weigh the testimony, comments, and recommendations of all interested parties, including Energy Commission staff, the applicant, intervenors, members of the public, and other local, state, and federal agencies, before issuing the Presiding Member's Proposed Decision (PMPD) for consideration by the full Energy Commission. The public, intervenors, local, state and federal agencies are encouraged to participate in these hearings.

**Background**

On August 31, 2009, the California Energy Commission received an Application For Certification (AFC) from the applicant Genesis Solar, LLC to construct and operate the Genesis Solar Energy Project (GESP) in eastern Riverside County, approximately 25 miles west of Blythe, California. Following the augmentation of the AFC with additional data and information in Supplements, the AFC was deemed complete by the Energy Commission on November 4, 2009, beginning staff's analysis of the proposed project.

June 18, 2010

### **Project Description**

Genesis Solar LLC is proposing to construct a utility-scale solar thermal electric power generating facility. The GSEP will have a nominal output of 250 megawatts (MW), consisting of a single power plant utilizing two solar fields. The GSEP will utilize parabolic trough technology to generate electricity. With this technology, an array of parabolic mirrors collect heat energy from the sun, refocus the radiation on receiver tubes containing a heat transfer fluid (HTF) that collects and releases stored solar energy to generate high pressure steam that is then fed to a traditional steam turbine generator where electricity is produced.

### **Energy Commission Review Process**

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications to construct and operate thermal electric power plants, 50 MW and greater, in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts and engineering aspects of proposed power plants and all related facilities such as electric transmission lines and natural gas and water pipelines.

The Energy Commission is the lead agency under the California Environmental Quality Act (CEQA). Because the project is proposed to be developed on land administered by the Bureau of Land Management (BLM), the BLM is reviewing the project as the lead agency under the National Environmental Policy Act (NEPA). The initial environmental review document for Genesis (Staff Assessment/Draft Environmental Impact Study, SA/DEIS) was conducted jointly by the Energy Commission and the BLM and published on March 26, 2010. The final environmental review documents for this project will be published separately (the RSA for the Energy Commission and a Final EIS for the BLM).

### **Public Resources, Contact Information and Additional Sources for Information**

Please direct your technical or project schedule questions to Mike Monasmith, Energy Commission Senior Project Manager, at (916) 654-4894, or by email at [mmonasmith@energy.state.ca.us](mailto:mmonasmith@energy.state.ca.us). If you desire information on participating in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4701, or toll free in California at (800) 822-6228, or by email at [publicadviser@energy.state.ca.us](mailto:publicadviser@energy.state.ca.us). News media inquiries should be directed to (916) 654-4989, or by email at [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us).

If you have any questions related to the automatic email notification list, please contact Maria Sergoyan, Project Assistant, at (916) 651-9410, or by email at: [msergoya@energy.state.ca.us](mailto:msergoya@energy.state.ca.us).

The status of the proposed project, copies of notices, an electronic version of the RSA, AFC, and other relevant documents are available on the Energy Commission's Internet web site at: [http://www.energy.ca.gov/sitingcases/genesis\\_solar/index.html](http://www.energy.ca.gov/sitingcases/genesis_solar/index.html). You can also subscribe to receive email notification of all notices at <http://www.energy.ca.gov/listservers>.

June 18, 2010

**Availability of the AFC and RSA Documents**

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

Palo Verde Valley District Library  
125 West Chanslor Way  
Blythe, CA 92225

Riverside Main Library  
3581 Mission Inn Avenue  
Riverside, CA 92501

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. 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.

Sincerely,

Date: \_\_\_\_\_

\_\_\_\_\_  
ROGER JOHNSON, Siting Office Manager  
Siting, Transmission and Environmental Protection  
Division



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  
GENESIS SOLAR ENERGY PROJECT**

**Docket No. 09-AFC-8**

**PROOF OF SERVICE  
(Revised 6/7/10)**

**APPLICANT**

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### DECLARATION OF SERVICE

I, Maria Santourdjian declare that on June 22, 2010, I served and filed copies of the attached Library Letter for Revised Staff Assessment for Genesis Solar Energy Project (09-AFC-8). 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/genesis\\_solar](http://www.energy.ca.gov/sitingcases/genesis_solar)].

The documents have 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;
- by delivering on this date, for mailing with the United States 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 **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-8  
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, 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.

Originally Signed by \_\_\_\_\_  
Maria Santourdjian