

CALIFORNIA ENERGY COMMISSION

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



DOCKET	
09-AFC-6	
DATE	<u>JUN 21 2010</u>
RECD	<u>JUN 23 2010</u>

June 21, 2010

Dear Librarian:

DOCUMENT HANDLING FOR THE REVISED STAFF ASSESSMENT/ FOR THE PROPOSED BLYTHE SOLAR POWER PROJECT (09-AFC-6) 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 Blythe Solar Power 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 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 Alan Solomon, Energy Commission Project Manager, at (916) 653-8236, or by email at asolomon@energy.state.ca.us, or Hilarie Anderson, Project Assistant, at (916) 651-0479, or by email at handerso@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 5/3/10) FILED WITH
ORIGINAL MAILED FROM SACRAMENTO ON 6/23/10
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CALIFORNIA ENERGY COMMISSION

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



June 21, 2010

**Notice of Availability Related to the
Revised Staff Assessment for the proposed
Blythe Solar Power Project (09-AFC-6)**

The California Energy Commission (Energy Commission) staff filed a Revised Staff Assessment (RSA) on June 4, 2010 for the proposed Blythe Solar Power Project.

TO: MEMBERS OF THE PUBLIC

This notice is to inform you of the availability of the RSA for the proposed Blythe Solar Power Project (BSPP). The RSA contains the Energy Commission staff's environmental, public health and engineering evaluation of the proposed BSPP.

Written comments on the RSA should be provided by July 8, 2010 at 5:00 p.m. to Alan Solomon, Senior Project Manager at the address on this letterhead (please add "Mail Stop 15") or by email to asolomon@energy.state.ca.us.

The RSA will serve as the Energy Commission staff's testimony during the Commission's evidentiary hearings. The Energy Commission Committee assigned to the BSPP proceedings will consider and weigh the testimony, comments, and recommendations of all interested parties, including Energy Commission staff, the applicant, intervenors, 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 24, 2009, the California Energy Commission received an Application For Certification (AFC) from Palo Verde Solar I¹ to construct and operate the Blythe Solar Power Project in Riverside County. On October 26, 2009, a Supplement to the AFC was received and evaluated by staff. Subsequently, at the Energy Commission's November 18, 2009 Business Meeting, the AFC was deemed complete, beginning staff's analysis of the proposed project.

¹ Chevron Energy Solutions and Solar Millennium have a joint development agreement. Chevron Energy Solutions applied for the Right of Way for Blythe Solar Power Project. To facilitate the permitting of the Blythe Solar Power Project (BSPP), the Applicant is requesting that the CEC issue one License to a Project- specific company. The company for BSPP is Palo Verde Solar I, LLC a wholly owned subsidiary of Solar Millennium and the single Applicant for the BSPP.

Project Description

The Blythe Solar Power Project (BSPP) is a concentrated solar thermal electric generating facility with four adjacent, independent, and identical units of 250 megawatt (MW) nominal capacity each for a total nominal capacity of 1,000 MW. The project is proposed to be located in the southern California inland desert, approximately eight miles west of the city of Blythe and two miles north of the Interstate-10 freeway in Riverside County, California. The applicant is seeking a right-of-way grant for approximately 9,400 acres of lands owned by the Federal government and administered by the Bureau of Land Management (BLM). Construction and operation of the project would disturb a total of about 7,044 acres.

The project would generate electric power through solar energy using parabolic trough technology. Pipelines supplying water would be routed from on-site wells to water treatment units. Water would be used principally for solar mirror washing, feedwater makeup, onsite domestic use, cooling of auxiliary equipment, and firewater supply. Total water consumption for the project is estimated at 600 acre-feet per year.

A natural gas pipeline for cold start up would be installed parallel to the project's new access road and would tie into a gas transmission pipeline south of Interstate-10. Proposed electric transmission lines would connect each steam turbine generator to a central internal switchyard. From this switchyard, a new transmission line would interconnect with Southern California Edison's regional transmission system at its planned Colorado River substation. If approved, project construction would begin in the fourth quarter of 2010, with commercial operation commencing in the second quarter of 2013.

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 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 Blythe (Staff Assessment/Draft Environmental Impact Study, SA/DEIS) was conducted jointly by the Energy Commission and the BLM and published on June 4, 2010. The final environmental review documents for this project will be published separately (the RSA for the Energy Commission staff 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 Alan Solomon, Energy Commission Project Manager, at (916) 653-8236, or by email at asolomon@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

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publicadviser@energy.state.ca.us. News media inquiries should be directed to (916) 654-4989, or by email at mediaoffice@energy.state.ca.us.

The status of the proposed project, copies of notices, electronic versions of the AFC, SA, RSA, and other relevant documents are available on the Energy Commission's Internet web site at: http://www.energy.ca.gov/sitingcases/solar_millennium_blythe/index.html. You can also subscribe to receive email notification of all notices at <http://www.energy.ca.gov/listservers>.

Availability of the AFC and RSA Documents

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

Riverside Main Library
3581 Mission Inn Avenue
Riverside, CA 92501

Lake Tamarisk Library
43880 Lake Tamarisk Dr
Desert Center, CA 92239

Coachella Branch Library
1538 Seventh St
Coachella, CA 92236

Cathedral City Branch Library
33520 Date Palm Dr
Cathedral City, CA 92234

Palo Verde Valley District Library
125 West Chanslor Way
Blythe, CA 92225-1245

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: _____

Original Signed _____
ROGER JOHNSON, Siting Office Manager
Siting, Transmission and Environmental Protection
Division

Note: Please retain a copy of this Public Notice behind the front cover of the Revised Staff Assessment and 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.



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 **BLYTHE SOLAR**
POWER PLANT PROJECT

Docket No. 09-AFC-6

PROOF OF SERVICE
(Revised 5/3/10)

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DECLARATION OF SERVICE

I, Hilarie Anderson, declare that on June 23, 2010, I served and filed a copy of the attached Notice of Availability, Library Letter, and Agency Letter . 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: [\[http://www.energy.ca.gov/sitingcases/solar_millennium_blythe\]](http://www.energy.ca.gov/sitingcases/solar_millennium_blythe)

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-6
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 Signature in Dockets
Hilarie Anderson