



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

DOCKET	
08-AFC-13C	
DATE	APR 06 2011
RECD.	APR 06 2011

APPLICATION FOR CERTIFICATION FOR THE
CALICO SOLAR PROJECT AMENDMENT

DOCKET No. 08-AFC-13C

NOTICE OF INFORMATIONAL HEARING AND PUBLIC SITE VISIT

On March 22, 2011, Calico Solar, LLC filed a Petition to Amend (Petition) with the California Energy Commission seeking to modify the Calico Solar Project approved and licensed by the Commission in December 2010. The approved Calico Solar Project (CSP) is located on 4,613 acres of land in an unincorporated area of San Bernardino County, California approximately 37 miles east of Barstow.

The CSP is designed as a concentrated solar thermal power plant facility with a generating capacity of 663.5 megawatts (MW). As approved, the CSP would produce power by solar collectors known as SunCatchers. Each SunCatcher consists of an approximately 38-foot diameter mirrored dish and a Stirling engine powered by hydrogen generated on site. CSP would deliver power to the Southern California Edison Pisgah Substation.

The Petition does not propose to change the size, boundary, or generating capacity of the CSP. It proposes a modification in the solar collector technology used on the site; specifically, to generate 100.5 MW of power using SunCatcher technology and 563 MW using single-axis tracker photovoltaic (PV) technology. The Petition proposes that both the SunCatchers and PV collectors will be fully integrated components of the power plant, operate from a single control room, use the same transmission interconnection system, access a common water system and road network, and depend upon the same construction and operation personnel.

PLEASE TAKE NOTICE that the Energy Commission will designate a Committee of two commissioners to conduct proceedings on the Petition. In the meantime, the Commission Siting Committee has scheduled a public Information Hearing and Site Visit to discuss the Petition to Amend as described below:

Wednesday, April 20, 2011
Site Visit begins (bus leaves) at 11:00 a.m.
Public Informational Hearing begins at 3:00 p.m.

Hampton Inn and Suites
Jack Rabbit Room
2710 Lenwood Road
Barstow, CA 92311
(Map Attached)

The Informational Hearing will be conducted by telephone and/or by computer via our "WebEx" web conferencing system. For details on how to participate, please see the "Participation through WebEx" directions attached.

Prior to the Informational Hearing, members of the public are invited to join the Committee on a tour of the proposed site. Calico Solar, LLC will provide transportation to and from the site. For reservations, leave a message with the Energy Commission Public Adviser's Office at (916) 654-4489 or 1-800-822-6228 or e-mail: **[publicadviser@energy.state.ca.us]**, giving your name, telephone number and the number of persons requesting a reservation. Please make your reservation prior to **Friday, April 15**, so that we can assure you a seat.

Background

On March 22, 2011, the Energy Commission began its review of the Petition. During the review period, Energy Commission staff will determine whether the proposed project complies with applicable laws related to public health and safety, environmental impacts, and engineering requirements. This Informational Hearing is sponsored by the Energy Commission to inform the public about the Petition and to invite public participation in the review process.

As the lead agency under the California Environmental Quality Act (CEQA), 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 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.

Purpose of the Informational Hearing

This Informational Hearing provides an opportunity for members of the community in the project vicinity to obtain information, to offer comments and concerns, and to view the project site. Calico Solar, LLC will explain plans for implementing the modifications contained in the Petition to Amend and Energy Commission staff will explain the

administrative licensing process for this proposed project amendment and Staff's role in reviewing the Petition.

Description of Proposed Project Modifications

The Petition is proposing to modify the approved CSP technology to include a combination of PV technology and the approved SunCatcher technology to achieve the approved 663.5 MW electrical generation. Approximately 2,140 PV tracker blocks are proposed to produce 563 MW. SunCatchers would provide the remaining 100.5 MW.

The Petition proposes phasing implementation of the project modifications. Phase 1, which is primarily located south of the BNSF railroad and comprises approximately 2,144 acres, would include the following elements:

- Main access road.
- Relocated main services complex (including temporary laydown area).
- Relocated on-site substation and shortened transmission line to the existing Southern California Edison Pisgah Substation.
- Water well located north of the railroad, and watering to the main services complex (same source and well location, with a longer waterline crossing under the railroad).
- Solar field comprised of single-axis tracking PV modules producing up to 275 MW.

Phase 2, which is located north of the railroad and comprises 2,469 acres, would include the following elements:

- Bridge constructed over the railroad.
- Continuation of the main access road north of the railroad.
- Solar field, comprised of up to 288 MW of single-axis tracking PV modules and 100.5 MW of SunCatchers, to be located toward the center of Phase 2.
- Hydrogen generation, storage, and distribution system for the SunCatchers.

All other aspects of the approved CSP will remain the same under the Petition to Amend. The engineering and environmental details of the proposed amendments are contained in the Petition to Amend. Copies of the Petition to Amend are available at the local public agencies that are involved in the review process and at the following libraries: San Bernardino County Library, Barstow and Needles Branches; Victorville Public Library; Fresno County Library; San Diego Public Library; UCLA University Research Library; Humboldt Library; San Francisco Public Library; the Energy Commission's Library in Sacramento; and the California State Library in Sacramento.

Proposed Schedule and Issue Identification Report

To assist the parties and public in understanding the process, Staff shall file a proposed schedule for Petition review. Staff shall also file an Issue Identification Report summarizing the major issues. The proposed schedule and Staff's report shall be filed

no later than **5:00 pm on April 14, 2011**. Calico Solar, LLC shall file its response, if any, no later than **noon on April 18, 2011**.

Public Adviser and Public Participation

The Energy Commission's Public Adviser's Office is available to assist the public in participating in the Petition review process. For those individuals who require general information on how to participate, please contact the Public Adviser at (916) 654-4489 or 1-800-822-6228 or e-mail: **[publicadviser@energy.state.ca.us]**.

If you have a disability and need assistance to participate in this event, contact Lourdes Quiroz at 916-654-5146 or e-mail: **[lquiroz@energy.state.ca.us]**.

Information

Questions of a legal or procedural nature should be directed to Kourtney Vaccaro, the Hearing Adviser, at (916) 654-4328 or e-mail: **[kvaccaro@energy.state.ca.us]**.

Technical questions concerning the project should be addressed to Craig Hoffman, the Staff Project Manager, at (916) 654-4781 or e-mail: **[choffman@energy.state.ca.us]**.

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

Information concerning the status of the project, as well as notices and other relevant documents may be viewed on the Energy Commission's Internet web page at: **[http://www.energy.ca.gov/sitingcases/calicosolar/compliance/index.html]**

Dated: April 6, 2011, at Sacramento, California.



KAREN DOUGLAS
Commissioner and Presiding Member
Siting Committee



ROBERT B. WEISENMILLER
Chair and Associate Member
Siting Committee

PARTICIPATION IN THE CALICO INFORMATIONAL HEARING
THROUGH WEBEX
THE ENERGY COMMISSION'S ON-LINE MEETING SERVICE

1. COMPUTER LOG-ON WITH A DIRECT PHONE NUMBER:

- Please go to <https://energy.webex.com> and enter the meeting number unique to the specific hearing date:

➤ 4/20/11 - meeting number: **920 739 662**

When prompted, enter your information and the meeting password: **calico#1**

After you login, a prompt will appear on-screen for you to provide your phone number. In the **Number box**, type your area code and phone number and click OK. **You will receive a call back on your phone for the audio of the meeting.** International callers can use the "Country/Region" button to help make their connection.

2. COMPUTER LOG-ON FOR CALLERS WITH AN EXTENSION PHONE NUMBER, ETC:

- Please go to <https://energy.webex.com> and enter the unique meeting number:

- 4/20/11 - meeting number: **920 739 662**

When prompted, enter your information and the meeting password: **calico#1**

After you login, a prompt will ask for your phone number. Click "CANCEL."

- ***Instead** 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 screen after you login.*

3. TELEPHONE ONLY (NO COMPUTER ACCESS):

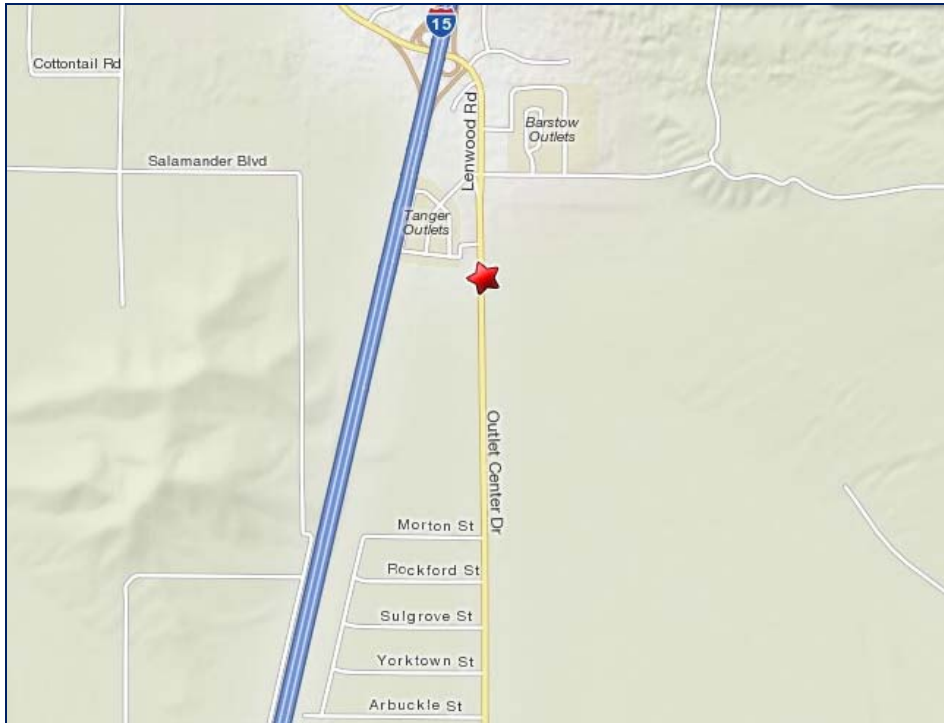
- Call **1-866-469-3239** (toll-free in the U.S. and Canada) and when prompted enter the meeting number:

- 4/20/11 - meeting number: **920 739 662**

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>].

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

Wednesday, April 20, 2011
Site Visit begins (bus leaves) at 11:00 a.m.
Public Informational Hearing begins at 3:00 p.m.



Hampton Inn and Suites
Jack Rabbit Room
2710 Lenwood Road
Barstow, CA 92311
Tel: 760-253-2600



**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**

For the CALICO SOLAR AMENDMENT

**Docket No. 08-AFC-13C
PROOF OF SERVICE**

APPLICANT

Daniel J. O'Shea
Managing Director
Calico Solar, LLC
2600 10th Street, Suite 635
Berkeley, CA 94710
dano@kroadpower.com

CONSULTANT

Angela Leiba
AFC Project Manager
URS Corporation
*4225 Executive Square, #1600
La Jolla, CA 92037
angela_leiba@URSCorp.com

APPLICANT'S COUNSEL

Allan J. Thompson
Attorney at Law
21 C Orinda Way #314
Orinda, CA 94563
allanori@comcast.net

Ella Foley Gannon, Partner
Bingham McCutchen, LLP
Three Embarcadero Center
San Francisco, CA 94111
ella.gannon@bingham.com

INTERESTED

AGENCIES/ENTITIES/PERSONS

California ISO
e-recipient@caiso.com

Jim Stobaugh
BLM – Nevada State Office
P.O. Box 12000
Reno, NV 89520
jim_stobaugh@blm.gov

Rich Rotte, Project Manager
Bureau of Land Management
Barstow Field Office
2601 Barstow Road
Barstow, CA 92311
richard_rotte@blm.gov

Becky Jones
California Department of
Fish & Game
36431 41st Street East
Palmdale, CA 93552
dfgpalm@adelphia.net

County of San Bernardino
Ruth E. Stringer,
County Counsel
Bart W. Brizzee,
Deputy County Counsel
385 N. Arrowhead Avenue,
4th Floor
San Bernardino, CA 92415-
bbrizzee@cc.sbcounty.gov

California Unions for Reliable
Energy (CURE)
c/o: Tanya A. Gulesserian,
Jason W. Holder
Adams Broadwell Joseph
& Cardozo
601 Gateway Boulevard,
Ste. 1000
South San Francisco, CA
94080
tgulesserian@adamsbroadwell.com
jholder@adamsbroadwell.com

Defenders of Wildlife
Joshua Basofin
1303 J Street, Suite 270
Sacramento, California 95814
E-Mail Service Preferred
jbasofin@defenders.org

Society for the Conservation of
Bighorn Sheep
Bob Burke & Gary Thomas
P.O. Box 1407
Yermo, CA 92398
cameracoordinator@sheepsociety.com

Basin and Range Watch
Laura Cunningham &
Kevin Emmerich
P.O. Box 70
Beatty, NV 89003
atomictoandranch@netzero.net

**INTERESTED
AGENCIES/ENTITIES/PERSONS**

Patrick C. Jackson
600 N. Darwood Avenue
San Dimas, CA 91773
E-Mail Service Preferred
ochsjack@earthlink.net

Gloria D. Smith, Senior
Attorney
Travis Ritchie
Sierra Club
85 Second Street, Second floor
San Francisco, CA 94105
E-Mail Service Preferred
gloria.smith@sierraclub.org
travis.ritchie@sierraclub.org

Newberry Community
Service District
Wayne W. Weierbach
P.O. Box 206
Newberry Springs, CA 92365
newberryCSD@gmail.com

Cynthia Lea Burch
Steven A. Lamb
Anne Alexander
Katten Muchin Rosenman,
LLP
2029 Century Park East,
Suite 2600
Los Angeles, CA 90067-3012
Cynthia.burch@kattenlaw.com
Steven.lamb@kattenlaw.com
Anne.alexander@kattenlaw.com

ENERGY COMMISSION

Kourtney Vaccaro
Hearing Officer
kvaccaro@energy.state.ca.us

Kerry Willis
Staff Counsel
kwillis@energy.state.ca.us

Steve Adams
Co-Staff Counsel
sadams@energy.state.ca.us

Craig Hoffman
Project Manager
choffman@energy.state.ca.us

Jennifer Jennings
Public Adviser
E-Mail Service Preferred
publicadviser@energy.state.ca.us

DECLARATION OF SERVICE

I, RoseMary Avalos, declare that on April 6, 2011, I served by U.S. mail and filed copies of the attached NOTICE OF INFORMATIONAL HEARING and PUBLIC SITE VISIT, dated, April 6, 2011. 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/calicosolar/compliance/index.html>].

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. 08-AFC-13C
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, 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.

Original Signed By: _____
RoseMary Avalos
Hearing Adviser's Office