

CALIFORNIA ENERGY COMMISSION

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



September 29, 2011

Mr. Daniel J. O'Shea
Managing Director
K Road Power
295 Madison Avenue, 37th Floor
NY, NY 10017

DOCKET	
08-AFC-13C	
DATE	SEP 29 2011
RECD.	SEP 29 2011

**RE: CALICO SOLAR PROJECT AMENDMENT (CSPA) (08-AFC-13C)
DATA REQUEST SET 2 (Nos. 1-2)**

Dear Mr. O'Shea:

Pursuant to Title 20, California Code of Regulations, Section 1716, the California Energy Commission staff seeks the information specified in the enclosed data requests. The information requested is necessary to: 1) more fully understand the project, 2) assess whether the facility will be constructed and operated in compliance with applicable regulations, 3) assess whether the project will result in significant environmental impacts, 4) assess whether the facilities will be constructed and operated in a safe, efficient and reliable manner, and 5) assess potential mitigation measures.

This set of data requests (Nos. 1-2) is being made in the areas of Project Description (No. 1) and Alternatives (No. 2). Written responses to the enclosed data requests are due to the Energy Commission staff on or before October 29, 2011, or at such later date as may be mutually agreeable.

If you are unable to provide the information requested, need additional time, or object to providing the requested information, please send a written notice to both the Committee and me within 20 days of receipt of this notice. The notification must contain the reasons for not providing the information, and the grounds for any objections (see Title 20, California Code of Regulations, Section 1716 (f)).

If you have any questions, please call me at (916) 654-4781 or email me at choffman@energy.state.ca.us.

Sincerely,

Craig Hoffman
Project Manager

Enclosure

Data Request 1 (Project Description)

The Calico Committee Order dated September 7, 2011 directs staff to prepare an analysis as follows:

“The PSA and FSA must evaluate the project’s solar thermal powerplant component and its appurtenant and related facilities (e.g., temporary lay down area; main access road; main services complex; solar field comprised of SunCatchers; hydrogen generation, storage, and distribution system for the SunCatchers; substation; transmission line; water well and water line; and access routes) and also the PV component (e.g., solar field comprised of single-axis tracking PV modules).”

The current Calico Petition to Amend provides an analysis based upon a phase 1 and phase 2 project or includes a review of the overall project with no distinction between Suncatcher and Photovoltaic aspects of the project. The Calico Committee has made a jurisdictional distinction between the solar thermal powerplant component and its appurtenant and related facilities and the PV component and is requesting that staff complete an analysis based upon this direction.

Staff is requesting a project description for the solar thermal powerplant component and its appurtenant and related facilities and a project description for the photovoltaic facilities. Staff is also requesting that the analysis within the Petition to Amend be modified and reformatted that provides an analysis of the solar thermal powerplant component and an analysis of the photovoltaic facilities.

The Committee has requested independent staff analysis of the solar thermal and photovoltaic facilities. Staff does not currently have the information necessary to complete this analysis. Staff needs to know what impacts will be caused by the solar thermal component of the project and what impacts will occur due to the photovoltaic component. For example, how many truck trips will be needed to bring the photovoltaic related equipment to the site and how many trips will be needed to transport the solar thermal equipment?

For each technical area this break out needs to occur so staff can analyze and propose conditions for the solar thermal component of the project and can analyze and recommend mitigation measures for the photovoltaic component.

Data Request 2 (Alternatives)

The Siting Committee seeks a more robust analysis than presented in the Petition, which evaluates the alternatives that would avoid new impacts or reduce them to less than significant levels or would avoid or lessen exacerbation of previously identified environmental impacts. Based on oral and written information submitted in the proceedings to date, the Siting Committee finds that Staff's alternatives discussion must explore the feasibility of:

- A project located exclusively south of the BNSF tracks that uses only PV technology.
- A project located exclusively south of the BNSF tracks that uses only SunCatcher technology.
- A project located exclusively south of the BNSF tracks that uses a combination of PV/SunCatcher technology.
- A water well located south of the BNSF tracks.
- A project configuration that avoids washes and minimizes drainage impacts – with particular focus on impacts to the BNSF tracks and adjacent properties.
- Specifically regarding compensatory mitigation for desert tortoise, Mojave fringetoeed lizard and other biological resources impacts, a project configuration that would allow for 1:1 and 3:1 mitigation ratios and avoid the need for 5:1 mitigation ratios.

Staff is requesting that the applicant provide a project description, maps and analysis for each of these alternatives consistent with the Committee direction.



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 PROJECT
AMENDMENT**

**Docket No. 08-AFC-13C
PROOF OF SERVICE
(Revised 8/1/2011)**

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DECLARATION OF SERVICE

I, Craig Hoffman, declare that on, Sept 29, 2011, I served and filed copies of the attached Data Request Set 2, dated Sept 29, 2011. The original document, filed with the Docket Unit or the Chief Counsel, as required by the applicable regulation, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: [www.energy.ca.gov/sitingcases/calicosolar/compliance/index.html].

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

(Check all that Apply)

For service to all other parties:

- Served electronically to all e-mail addresses on the Proof of Service list;
- Served by delivering on this date, either personally, or for mailing with the U.S. 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 "e-mail preferred."

AND

For filing with the Docket Unit at the Energy Commission:

- by sending an original paper copy and one electronic copy, mailed with the U.S. Postal Service with first class postage thereon fully prepaid and e-mailed respectively, to the address below (preferred method); **OR**
- by depositing an original and 12 paper copies in the mail with the U.S. Postal Service with first class postage thereon fully prepaid, as follows:

CALIFORNIA ENERGY COMMISSION – DOCKET UNIT
Attn: Docket No. 08-AFC-13C
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:

- Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

California Energy Commission
Michael J. Levy, Chief Counsel
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I declare under penalty of perjury under the laws of the State of California 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.