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April 8, 2013

California Energy Commission
Dockets Unit
1516 Ninth Street
Sacramento, CA 95814-5512

**Subject: PALEN SOLAR ELECTRIC GENERATING SYSTEM TOWER
VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS
PALEN SOLAR ELECTRIC GENERATING SYSTEM
DOCKET NO. (09-AFC-7C)**

Enclosed for filing with the California Energy Commission is the electronic version of **PALEN SOLAR ELECTRIC GENERATING SYSTEM TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS**, for the Palen Solar Electric Generating System (09-AFC-7C).

Sincerely,

A handwritten signature in blue ink, appearing to read "Marie Fleming", with a stylized, flowing script.

Marie Fleming

Palen Solar Electric
Generation Station
(PSEGS)

Viewshed Delineation for
Power Towers

Legend

- PSEGS Site Boundary
- PSEGS Power Towers
- 30-Mile Visual Impact Threshold Distance

PSEGS Power Towers Viewshed Delineation

- Visible
(26.66% of 30-mile Threshold Impacted)
- Not Visible

Specifications:
Viewsheds produced using 30-meter DEM.
Source: USGS National Elevation Dataset
Tower height: 759 feet
Viewer height: 6 feet

- Joshua Tree National Park
- BLM ACEC
- BLM Wilderness
- Bradshaw Trail

SR: Sensitive Receptor

Sensitive Receptors (SR) - SRs are areas or vantage points within the PSEGS Visual Impact Threshold Distance (30 miles radius) with the potential to experience what could be perceived as visual intrusion from the proposed project. These points and others have been vetted through existing literature review, desktop research, and professional experience. Data sources for this research include: extensive GIS viewshed delineations for the major project components, and management designees mapping exercises, BLM VRM classifications, NPS expectations, BLM, CEC, and NPS web sites, Google Earth Pro reconnaissance, aerial photography, USGS maps, and other data sources.

After the primary research (field work) has been completed the most pertinent SR points will be evaluated/analyzed for their potential as actual KOPs. The resultant SR points will be quantitatively evaluated to identify the most visually sensitive, based on a multi-criteria decision analysis matrix. The highest scoring SRs will be elevated to KOP status, and will be used for visual simulation and visual analysis.

3DSCAPE



1:136,000

0 1 2 3 4 5 Miles



**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
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AMENDMENT

**FOR THE PALEN SOLAR ELECTRIC
GENERATING SYSTEM**

Docket No. 09-AFC-7C

**PROOF OF SERVICE
(Revised 3/26/13)**

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***After docketing, the Docket Unit
will provide a copy to the persons
listed below. Do not send copies of
documents to these persons
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Kelly Foley
Adviser to Associate Member

Eileen Allen
Commissioners' Technical
Adviser for Facility Siting

DECLARATION OF SERVICE

I, Marie Fleming, declare that on April 8, 2013, I served and filed copies of the attached, **PALEN SOLAR ELECTRIC GENERATING SYSTEM TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS** dated March 20, 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: <http://www.energy.ca.gov/sitingcases/palen/compliance/>.

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

(Check one)

For service to all other parties and filing with the Docket Unit at the Energy Commission:

☐ I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as "hard copy required"; **OR**

☒ Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: April 8, 2013



Marie Fleming