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California Energy Commission
DOCKETED
09-AFC-7C
TN # 70343
APR 16 2013

April 16, 2013

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

Subject: **PALEN SOLAR ELECTRIC GENERATING SYSTEM REVISED 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 REVISED TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS**, for the Palen Solar Electric Generating System (09-AFC-7C).

Sincerely,

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, land 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 10 Km

0 1 2 3 4 5 Miles

Date: 4/16/2013

Sheephole Valley
Turtle Mountains NNL
Turtle Mountains
Chemehuevi
Pattons Iron Mountain Divisional Camp
Palen/McCoy
Riverside Mountains
Rice Valley
Big Maria Mountains
3206891683.79
Joshua Tree
SR-1: Pinto Wells (JTNP) (Difficult Access)
SR-2: Camp Coxcomb
SR-3: Coxcomb Mtn. WA (JTNP)
SR-4: Desert Lily ACEC (BLM)
SR-5: Desert Center Army Airfield Chuckwalla Valley Raceway
SR-6: Lake Tamarisk
SR-7: Big Wash (JTNP)
SR-8: Dragon Wash (JTNP)
SR-9: Alligator Rock ACEC (BLM)
SR-10: I-10 E
SR-11: Corn Springs ACEC (BLM)
SR-12: ChuckWalla Mtn. WA (BLM)
SR-13: I-10 W
SR-14: Palen Dry Lake ACEC (BLM) (Difficult Access)
SR-15: Palen/McCoy WA (BLM) (Difficult Access)
SR-16: Mule Mtn. ACEC (BLM) (Difficult Access)
SR-17: Bradshaw Trail Mule Mtn. LTVA
Palen Dry Lake
Chuckwalla Valley Dune Thicket
Corn Springs
Chuckwalla Mountains
Orocopia Mountains
Chuckwalla
Little Chuckwalla Mountai
Palo Verde Mountains
BRADSHAW TRAIL

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
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AMENDMENT

FOR THE PALEN SOLAR ELECTRIC GENERATING SYSTEM

Docket No. 09-AFC-7C
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(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 unless specifically directed to do so.

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DECLARATION OF SERVICE

I, Marie Fleming, declare that on April 16, 2013, I served and filed copies of the attached, **PALEN SOLAR ELECTRIC GENERATING SYSTEM REVISED TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS** dated April 16, 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:

(C*heck 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**

__X__ 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 16, 2013

Marie Fleming