

# Memorandum

Date: January 5, 2009  
Telephone: (916) 654-4679

To: Commissioner Jeffrey Byron, Presiding Member  
Commissioner James D. Boyd, Associate Member

From: California Energy Commission – John Kessler, Project Manager  
1516 Ninth Street  
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<b>DOCKET</b>	
<b>07-AFC-5</b>	
DATE	<u>01/05/10</u>
RECD.	<u>01/05/10</u>

**Subject: REVISION TO CUMULATIVE IMPACTS FIGURE 1 AS REFERENCED BY VISUAL RESOURCES STAFF - IVANPAH SOLAR ELECTRIC GENERATING SYSTEM (07-AFC-5) Exhibit 308**

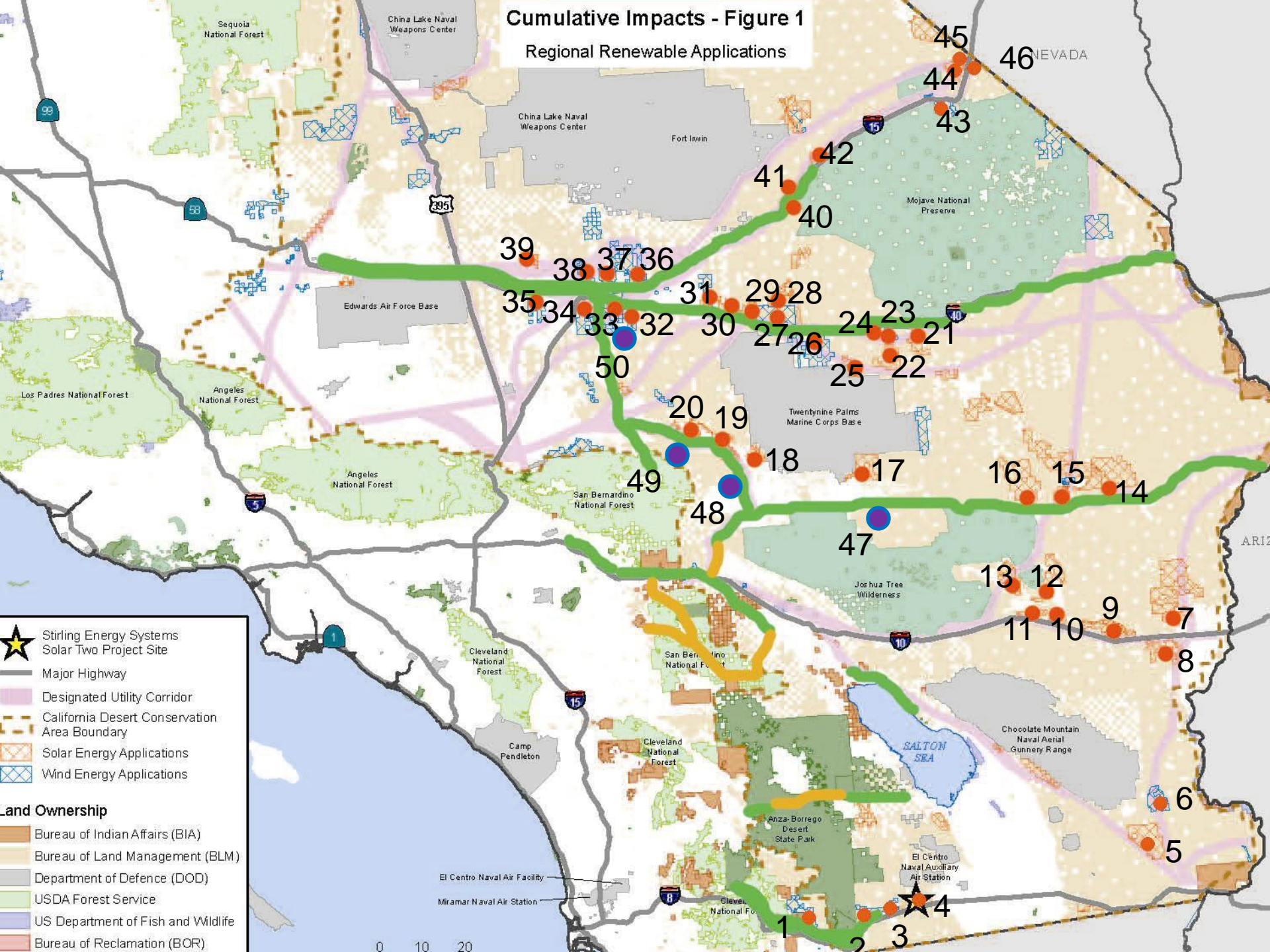
Energy Commission staff is providing a revision to Cumulative Impacts – Figure 1 as requested by the applicant to identify the names of foreseeable renewable energy projects that had previously been identified only by location. Figure 1 was previously distributed on December 14, 2009 as included in staff’s Exhibit 301 showing Visual Resource photos.

Docket (07-AFC-5)  
Webworks  
POS

PROOF OF SERVICE (REVISED 11/23/09) FILED WITH  
ORIGINAL MAILED FROM SACRAMENTO ON 1/5/10  
**MS**

# Cumulative Impacts - Figure 1

## Regional Renewable Applications



- Stirling Energy Systems Solar Two Project Site
- Major Highway
- Designated Utility Corridor
- California Desert Conservation Area Boundary
- Solar Energy Applications
- Wind Energy Applications

- Land Ownership**
- Bureau of Indian Affairs (BIA)
  - Bureau of Land Management (BLM)
  - Department of Defence (DOD)
  - USDA Forest Service
  - US Department of Fish and Wildlife
  - Bureau of Reclamation (BOR)

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## Application Status to BLM as of March 2009

1. Pacific Wind (Iberdrola) “McCain Valley”
2. Superior Renewable\*\*
3. GreenHunter Wind Energy\*\*
4. SES “Solar Two”
5. Pacific Solar Investments (Iberdrola)
6. Imperial Wind and Renewergy, LLC
7. SM “Blythe”
8. OptiSolar (Now First Solar) “Quartzite” and BullFrog Green Energy, LLC “Mule Mountain Solar Project”
9. NextEra “Genesis” and EnXco
10. SM “Palen”
11. Chuckwalla Solar “Desert Center”
12. Solel, Inc\*
13. EnXco “Desert Lily” and OptiSolar (First Solar) “Desert Sunlight”
14. Leopold Companies, LLC
15. Ewind Farm, Inc “Clean Air Solar II” and Ewind Farm, Inc. “Clean Air Solar III”\*
16. Boulevard Associates, LLC
17. OptiSolar (now First Solar) “Opal”
18. OptiSolar (now First Solar) “Desert Ruby”
19. OptiSolar “Amber”\*
20. Chevron Energy Solutions Co.
21. First Wind “Bristol Mountains”
22. Cogentrix/Solar Investments I\*
23. Boulevard Associates LLC
24. Renewergy, LLC
25. PG&E
26. Oak Creek Energy
27. SES “Solar Three”\*\*
28. SES “Solar Six”\*\*
29. SES “Solar One”, Phase 1
30. SES “Solar One”, Phase 2
31. EnxCo Power Partners SW
32. AES Wind Generation, Inc.
33. AES Seawest, Inc.
34. Horizon Wind Energy
35. Horizon Wind Energy “Iron Mountain”
36. Horizon Wind Energy “Calico Mountain”
37. Pacific Wind Development LLC (Iberdrola) “Waterman Hills” and “Elephant Mountains”
38. Horizon Wind Energy “Waterman Hills”
39. OptiSolar “Desert Onyx”
40. Cogentrix/Solar Investments VII LLC\*
41. Caithness Soda Mtn, LLC
42. Solar Investments VI LLC
43. First Wind “Bristol Mountain”
44. BrightSource “ISEGS”
45. OptiSolar (First Solar)
46. NextLight Renewable Power “Primm Solar Generating Plant”
47. Padoma Wind Power \*\*\*
48. Renewergy LLC \*\*\*
49. Chevron “Lucerne Valley Solar Project” \*\*\*
50. Padoma Wind Power \*\*\*

\* Project has since been removed from BLM First-In Line Solar Applications (12/09) or BLM Pending and Authorized Wind Application list (12/09)

\*\* Project as identified in BLM CDD Renewable Energy Projects and Utility Corridors (March 2009) no longer exists; however, new applicant has since requested use of ROW application location

\*\*\* Purple dots indicate **new** projects along US highways not identified in **Cumulative Impacts – Figure 1** but shown in current listing: BLM CDD Renewable Energy Projects and Utility Corridors (November 2009).



**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
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APPLICATION FOR CERTIFICATION  
FOR THE *IVANPAH SOLAR ELECTRIC  
GENERATING SYSTEM*

DOCKET No. 07-AFC-5  
PROOF OF SERVICE  
(Revised 11/23/09)

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DECLARATION OF SERVICE

I Maria Santourdjian, declare that on January 5, 2010, I served and filed copies of the attached, Exhibit 308. 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: [\[www.energy.ca.gov/sitingcases/ivanpah\]](http://www.energy.ca.gov/sitingcases/ivanpah).

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 or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above 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**

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I declare under penalty of perjury that the foregoing is true and correct.

Original Signature in Dockets  
**Maria Santoudjian**