



DOCKET 07-AFC-5
DATE <u>8/13/2009</u>
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August 13, 2009
File No.: 04.02.16.02
Project No. 357891

Mr. John Kessler, Project Manager
California Energy Commission
Systems Assessment and Facilities Siting Division
1516 9th Street, MS 15
Sacramento, CA 95814-5504

RE: Data Response, Set 10
Ivanpah Solar Electric Generating System (07-AFC-5)

Dear Mr. Kessler:

On behalf of Solar Partners I, LLC, Solar Partners II, LLC, Solar Partners IV, LLC, and Solar Partners VIII, LLC (Applicant), please find attached one original and four hard copies, plus five CD copies of Data Response, Set 10.

Please call me if you have any questions.

Sincerely,

CH2M HILL

A handwritten signature in blue ink, appearing to read "John L. Carrier".

John L. Carrier, J.D.
Program Manager

Enclosure

c: POS List
Project File

Ivanpah Solar Electric Generating System (ISEGS)

(07-AFC-5)

Data Response, Set 10

(Response to Data Request: Waste Management)

Submitted to the
California Energy Commission

Submitted by
**Solar Partners I, LLC; Solar Partners II, LLC; Solar Partners IV, LLC;
and Solar Partners VIII, LLC**

August 13, 2009

With Assistance from

CH2MHILL
2485 Natomas Park Drive
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Sacramento, CA 95833

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Introduction

Attached are Solar Partners I, LLC, Solar Partners II, LLC, Solar Partners IV, LLC, and Solar Partners VIII, LLC (Applicant) response to the California Energy Commission (CEC) Staff's data request number 111 for the Ivanpah Solar Electric Generating System (Ivanpah SEGS) Project (07-AFC-5). The CEC Staff served these data requests on December 12, 2007, as part of the discovery process for Ivanpah SEGS. The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as CEC Staff presented them and are keyed to the Data Request numbers (1 through 116). New graphics or tables are numbered in reference to the Data Request number. For example, the first attachment used in response to Data Request 19 would be numbered Table DR19-1A.

The Applicant looks forward to working cooperatively with the CEC and BLM staff as the Ivanpah SEGS Project proceeds through the siting process. We trust that these responses address the Staff's questions and remain available to have any additional dialogue the Staff may require.

Waste Management (111i)

Background

The project proposes discharging secondarily treated wastewater from package treatment systems to the power plant landscaping. There will be a package treatment system associated with each of the three heliostats proposed and a larger package treatment system at the administration building area.

Data Request

111. Please develop and submit a draft Wastewater Discharge Plan for the smaller heliostat package treatment systems and the larger administration building package treatment system. This Plan should include but not be limited to:
 - i) a detailed discussion of how the wastewater discharge from each package treatment system would comply with California Title 22 wastewater discharge requirements.

Response: In Data Response Set 1K, the Applicant submitted a Report of Waste Discharge permit application for use of a package treatment plant to treat the domestic wastewater from the Administration/warehouse building. In response to that application, the Lahontan Regional Water Quality Control Board suggested that the Applicant consider using a septic system instead. Switching to a septic system was also discussed at the Issue Resolution Workshop on July 31, 2009.

The Applicant, in agreement with the CEC, BLM, and Lahontan RWQCB, has elected to forego use of a package wastewater treatment plant in favor of the installation of a septic tank and leach field system. This system will apply to the Administration/warehouse building in the common area of the Ivanpah Solar Electric Generating System (ISEGS) site. The septic system will be designed and constructed using Best Management Practices (BMP) as recommended by the Lahontan RWQCB, and in compliance with San Bernardino County LORS, as applicable. The Applicant will continue to use portable toilets at the remote power block sites for each of the three Ivanpah SEGS units.



**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**

APPLICATION FOR CERTIFICATION
FOR THE *IVANPAH SOLAR ELECTRIC
GENERATING SYSTEM*

DOCKET No. 07-AFC-5
PROOF OF SERVICE
(Revised 7/20/09)

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DECLARATION OF SERVICE

I, Mary Finn, declare that on August 13, 2009, I served and filed copies of the attached, Data Response Set 10 dated August 13, 2009. 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].

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** 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

Attn: Docket No. 07-AFC-5
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.



Mary Finn

**or by other delivery service, e.g., Fed Ex, UPS, courier, etc.

*indicates change