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June 9, 2009
File No.: 04.02.16.02
Project No. 357891

DOCKET 07-AFC-5	
DATE	June 9 2009
RECD.	JUNE 9 2009

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

RE: Supplemental Data Response, Set 2H
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, please find attached one original and four hard copies and five CD copies of the Supplemental Data Response, Set 2H.

Please call me if you have any questions.

Sincerely,

CH2M HILL

A handwritten signature in blue ink that reads "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)

Supplemental Data Response, Set 2H

(Response to Data Request: Visual Resources)

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**

June 9, 2009

With Assistance from

CH2MHILL
2485 Natomas Park Drive
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Sacramento, CA 95833

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Introduction

Attached is a supplemental response by Solar Partners I, LLC; Solar Partners II, LLC; Solar Partners IV, LLC; and Solar Partners VIII, LLC (Applicant) to the California Energy Commission (CEC) Staff's data request for the Ivanpah Solar Electric Generating System (Ivanpah SEGS) Project (07-AFC-5). This data request was the result of an email request received from John Kessler on June 3, 2009

The Applicant looks forward to working cooperatively with the CEC and Bureau of Land Management (BLM) staff and the other resource agencies as the Ivanpah SEGS Project proceeds through the licensing process. We trust that these responses address the Staff's questions and we remain available to have any additional dialogue the Staff may require.

Visual Resources (VR-1)

BACKGROUND

On June 3, 2009, the Applicant received an email request from John Kessler stating that, "As part of our [CEC] Visual analysis, we are conducting a Glint & Glare study, and would appreciate a brief description of the materials that would make up the power towers."

DATA REQUEST

VR-1. Could you please advise on the materials and their coating, and distinguish any differences in the receiver boiler from the other structural components.

Response: The power tower includes a solar boiler, calibration panels and the tower structure. The solar boiler tubes and calibration panel are discussed in Section 5.13.4.4.1 of the AFC. Consistent with FAA requirements for lighting and marking of the power tower, the remaining tower structure will be constructed of materials that will either be non-glare, or have a non-glare coating applied so that, in either case, glare and glint from the tower structure is minimized. The color of the power tower structure would be shades of off-white, beige, tan, or gray to blend with the remaining structures at the site and optimize the project facility's visual integration with the surrounding environment.