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CH2MHILL

November 21, 2008
File No.: 04.02.16.02
Project No. 357891

DOCKET
07-AFC-5
DATE NOV 21 2008
RECD. NOV 21 2008

Mr. Che McFarlin, 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 1E
Ivanpah Solar Electric Generating System (07-AFC-5)

Dear Mr. McFarlin:

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 12 hard copies of the Supplemental Data Response, Set 1E.

Please call me if you have any questions.

Sincerely,

CH2M HILL

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 1E

(Responses to: Biological 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

November 21, 2008

With Assistance from

CH2MHILL
2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

Introduction

Attached are supplemental responses (Set 1E) 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 requests for the Ivanpah Solar Electric Generating System (Ivanpah SEGS) Project (07-AFC-5). These data requests are the result of the workshop discussion held at Primm, Nevada on June 23, 2008.Within each discipline area, the responses are presented in alphabetical order and are numbered for tracking and reference convenience. New graphics or tables are numbered in reference to the Supplemental Data Request number. For example, if a table were used in response to Data Request AQ-1, it would be numbered Table AQ1-1. The first figure used in response to Data Request AQ-1 would be Figure AQ1-1, and so on. AFC figures or tables that have been revised have "R1" following the original number, indicating revision 1.

Additional tables, figures, or documents submitted in response to a supplemental data request (supporting data, stand-alone documents such as plans, folding graphics, etc.) are found at the end of a discipline-specific section and may not be sequentially page-numbered consistently with the remainder of the document, though they may have their own internal page numbering system.

The Applicant looks forward to working cooperatively with the CEC and Bureau of Land Management (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.

Biological Resources (BR-4)

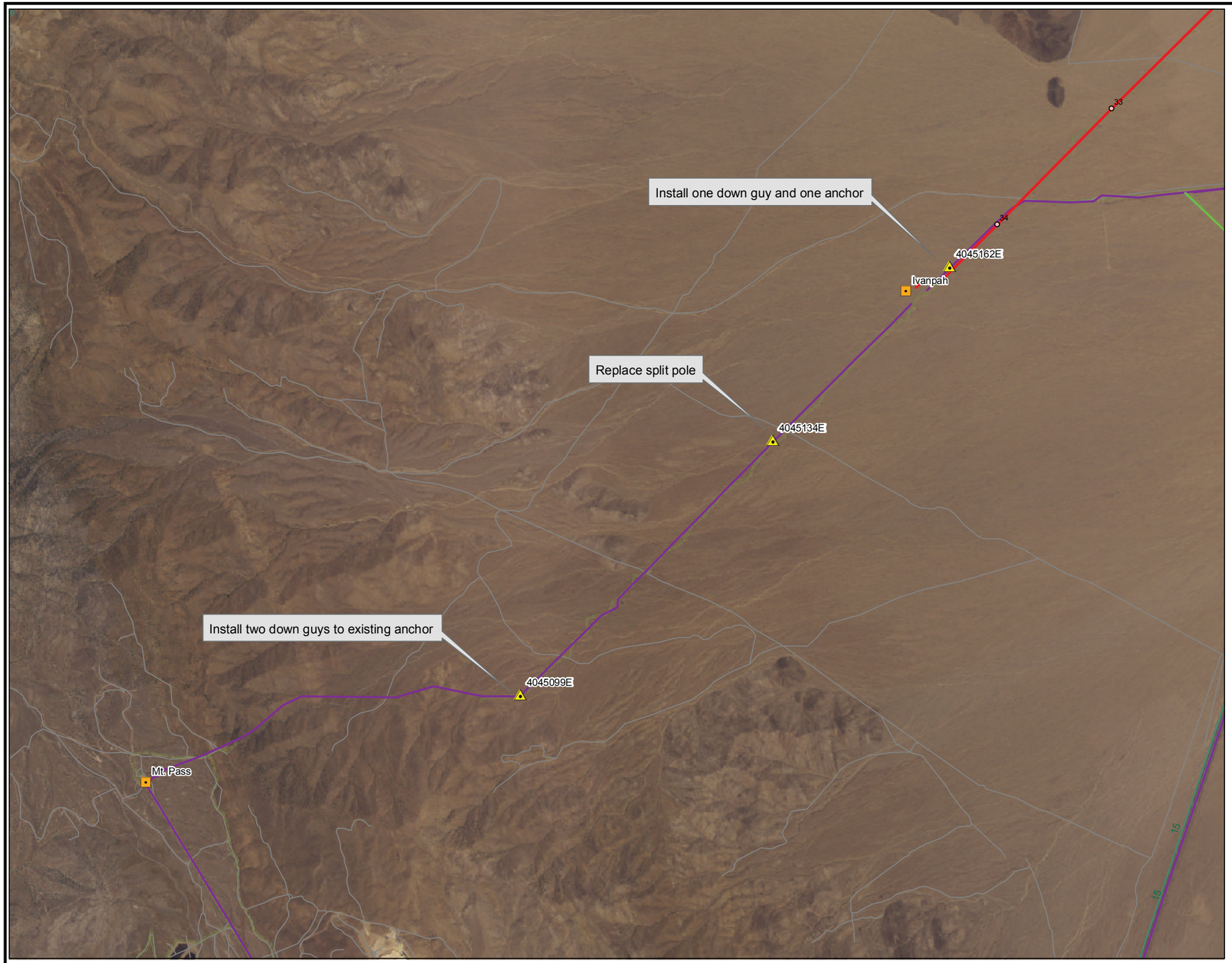
BR-4 Please provide any information available about repairs or pole replacement that would be needed to existing distribution line as part of the installation of the fiber optic line.

Response: Table BR4-1 and in Figure BR4-1 identify the kind and location of repairs to the Nipton 33 kV line, which will carry the fiber optic cable.

TABLE BR4-1
Repairs Required for Ivanpah-ATT Mountain Pass Fiber Optic Cable

Line	Pole ID Number	Action Required
Nipton 33 kV	4045162E	Install one anchor and one gown guy wire
	4045134E	Replace split pole and install new pole
	4045099E	Install two down guy wires to existing anchor

Source: Southern California Edison



Eldorado Ivanpah
Transmission Project

LEGEND

Nipton 33kV det poles
Substations

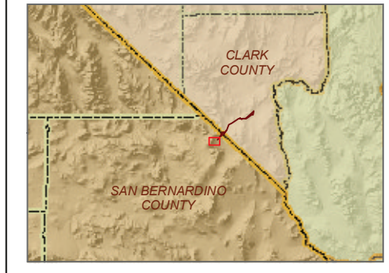
230kV rebuild route 2008Aug28

Alternative A
Alternative B
Alternative C
Alternative D
Alternative E
Proposed

Telecom routes

Telecom: Nipton 33kV
Telecom: Eldorado-Lugo 500kV
Telecom: New fiber optic line
Access_road_08Nov07
Railroads
Freeway
Highway
Primary Road
Secondary Road

0 0.5 1 Miles
0 0.5 1 Kilometers
1:36,000



Roger Overstreet
SCE Corp Env Health & Safety
Eldorado Ivanpah Transmission Project
Projection: NAD 83 UTM Zone 11

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FIGURE BR4-1
REPAIRS TO THE NIPTON 33-KV LINE
IVANPAH SOLAR ELECTRIC GENERATING SYSTEM

CH2MHILL

ES062007009SAC Figure_BR4-1.ai 11.21.08 tdaus

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

APPLICATION FOR CERTIFICATION FOR THE *IVANPAH SOLAR ELECTRIC GENERATING SYSTEM*	DOCKET NO. 07-AFC-5 PROOF OF SERVICE (Revised 7/14/08)

INSTRUCTIONS: All parties shall 1) send an original signed document plus 12 copies OR 2) mail one original signed copy AND e-mail the document to the web address below, AND 3) all parties shall also send a printed OR electronic copy of the documents that shall include a proof of service declaration to each of the individuals on the proof of service:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 07-AFC-5
1516 Ninth Street, MS-14
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docket@energy.state.ca.us

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DECLARATION OF SERVICE

I, Mary Finn, declare that on November 24, 2008 I deposited copies of the attached Supplemental Data Response, Set 1E in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed to those identified on the Proof of Service list above.

Transmission via electronic mail was consistent with the requirements of California Code of Regulations, title 20, sections 1209, 1209.5, 1210. All electronic pages were sent to all those identified on the Proof of Service list above.

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

Mary Finn