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DOCKET

09-AFC-8

DATE MAY 03 2010

RECD. MAY 03 2010

May 3, 2010

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

Subject: **GENESIS SOLAR, LLC'S DATA RESPONSES TO CURE'S DATA
REQUEST, SET 3 (1-2)
DOCKET NO. (09-AFC-8)**

Enclosed for filing with the California Energy Commission is the original copy of
**GENESIS SOLAR, LLC'S DATA RESPONSES TO CURE'S DATA REQUEST, SET 3
(1-2)** for the Genesis Solar Energy Project (09-AFC-8).

Sincerely,

A handwritten signature in blue ink that reads "Marie Mills".

Marie Mills

Supplemental Filing

R e s p o n s e t o C U R E
Dry Cooling Data Requests Set 3
Questions 1 - 2

In support of the
Application for Certification
for the
Genesis Solar Energy Project
(09-AFC-8)

Submitted to the:
California Energy Commission

Submitted by:
Genesis Solar, LLC

With Technical Assistance by:



WorleyParsons

resources & energy

Sacramento, California

May 2010

Background: DRY COOLING

The Applicant submitted the following study to the Energy Commission: NextEra Energy Resources Genesis Solar Energy Project Cooling Study - 125 MW Solar Project, August 11, 2009. However, the Genesis Solar Energy Project is 250 MW.

Item 1

Please explain the discrepancy between the cooling study for a 125 MW project and the 250 MW Genesis Solar Energy Project.

Response

As discussed in the AFC the Genesis Solar Project will consist of two independent concentrated solar electric generating facilities with nominal net electrical output of 125 megawatts (MW) each for a total net electrical output of 250 MW. The Cooling Study evaluated a single 125 MW plant and applies to each 125 MW facility outlined in the AFC.

Item 2

Is the 125 MW study scalable such that it can simply be doubled for the 250 MW Genesis Solar Energy Project? If not, please provide an analysis for the 250 MW Genesis Solar Energy Project.

Response

Yes. See Response to Data Request 1.



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
GENESIS SOLAR ENERGY PROJECT**

Docket No. 09-AFC-8

PROOF OF SERVICE
(Revised 3/10/10)

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DECLARATION OF SERVICE

I, Marie Mills, declare that on May 3, 2010, I served and filed copies of the attached **GENESIS SOLAR, LLC'S RESPONSES TO CURE'S DATA REQUEST, SET 3 (1-2)**, dated **May 3, 2010**. 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: [http://www.energy.ca.gov/sitingcases/genesis_solar].

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:

- X sent electronically to all email addresses on the Proof of Service list;
 by personal delivery;
 X by delivering on this date, for mailing with the United States Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses **NOT** marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

- X 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. 09-AFC-8
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, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

 // Original Signed //

Marie Mills