July 12, 2010

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

Subject: GENESIS SOLAR ENERGY PROJECT SPRING 2010 FIELD SURVEY TEMPERATURE DATA
GENESIS SOLAR ENERGY PROJECT DOCKET NO. (09-AFC-8)

Enclosed for filing with the California Energy Commission is the original of GENESIS SOLAR ENERGY PROJECT SPRING 2010 FIELD SURVEY TEMPERATURE DATA for the Genesis Solar Energy Project (09-AFC-8).

Sincerely,

Marie Mills
### Genesis Solar Energy Project
#### Spring 2010 Field Survey Temperature Data

<table>
<thead>
<tr>
<th>Date (2010)</th>
<th>Air Temperature Range (°C)</th>
<th>Ground Temperature(^1) Range (°C)</th>
<th>Surveyed Staff's &quot;Sand Shadow&quot; on this Date (y/n)</th>
<th>MFTL Observed(^2) on this Date (y/n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-Mar</td>
<td>22-31</td>
<td>24-42</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>17-Mar</td>
<td>16-32</td>
<td>14-49</td>
<td>y</td>
<td>y</td>
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<tr>
<td>18-Mar</td>
<td>18-36</td>
<td>15-41</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>29-Mar</td>
<td>27-32</td>
<td>27-43</td>
<td>n</td>
<td>y</td>
</tr>
<tr>
<td>30-Mar</td>
<td>17-35</td>
<td>17-45</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>31-Mar</td>
<td>17-30</td>
<td>20-47</td>
<td>n</td>
<td>n</td>
</tr>
</tbody>
</table>

\(^1\) Taken from one meter above ground  
\(^2\) Observed at some location in Project Area
APPLICATION FOR CERTIFICATION FOR THE
GENESIS SOLAR ENERGY PROJECT

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*indicates change
DECLARATION OF SERVICE

I, Marie Mills, declare that on July 12, 2010, I served and filed copies of the attached GENESIS SOLAR ENERGY PROJECT SPRING 2010 FIELD SURVEY TEMPERATURE DATA, dated July 10, 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://ww.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.

____________________________________
Marie Mills