

# 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 BEACON SOLAR ENERGY PROJECT BY BEACON SOLAR, LLC

**DOCKET NO. 08-AFC-2** 

### **EVIDENTIARY HEARING ORDER**

Parties wishing to present evidence or cross-examine witnesses at the Evidentiary Hearing scheduled as follows shall be prepared to proceed in accordance with this Order.

The Evidentiary Hearing will be conducted on:

MONDAY, MARCH 22, 2010 Beginning at 10:00 a.m.

and, if needed, on: TUESDAY, MARCH 23, 2010 Beginning at 9:00 a.m.

California City
Council Chambers – City Hall
21000 Hacienda Blvd.
California City, CA 93505

# **DOCKET**

08-AFC-2

DATE MAR 17 2010 RECD. MAR 17 2010

# **Background**

At the Prehearing Conference on March 15, 2010, Applicant, Staff, and Intervenor CURE, indicated they were ready to proceed with the Evidentiary Hearing on all issues. Applicant BEACON'S Motion for Prehearing Order Regarding Cooling Water Alternatives, which requested exclusion of evidence of dry-cooling and photovoltaic technology, was denied as moot.

# **Undisputed Topics**

At the Prehearing Conference, the following topics set forth in the Application for Certification (AFC) and the Final Staff Analysis (FSA) were deemed undisputed so that evidence and testimony on these topics shall be entered into the record solely by

declaration (numbering corresponds to the **Topic and Witness List attached to this Hearing Order as "Attachment A"**):

- 1. Executive Summary;
- 5. Traffic and Transportation;
- 6. Transmission Line Safety and Nuisance;
- 8. Facility Design;
- 9. Geology and Paleontology;
- 10. Power Plant Efficiency;
- 11. Air Quality;
- 12. Public Health;
- 13. Socioeconomic Resources:
- 15. Noise and Vibration:
- 17. Power Plant Reliability;
- 19. Worker Safety and Fire Protection; and
- 20. Land Use.

The Tentative Exhibit List will be sent separately to all parties electronically and will also be made available on the web page for this project.

# **Disputed Topics**

The following topics may be disputed and the Committee will receive evidence in the form of written and live testimony, cross-examination and documentary evidence at the Evidentiary Hearing (numbering corresponds to the **Topic and Witness List on Attachment A**):

- 1. Project Description;
- 2. Cultural Resources:
- 3. Hazardous Materials Management;
- 4. Soil and Water Resources:
- 7. Waste Management;
- 14. Biological Resources:
- 16. Transmission System Engineering;
- 18. Visual Resources: and
- 21. Alternatives

(**NOTE**: pursuant to the ruling on the Applicant's motion of March 15, 2010, the Committee will not hear live testimony on the topic of Alternatives, including, but not limited to, the economic feasibility of dry cooling or photovoltaic technology).

## **Required Filings**

Prior to the start of the Evidentiary Hearings on Monday, March 22, 2010, Applicant, Staff, and Intervenors shall present a CD or DVD of their evidence to the Hearing Officer. Applicant, Staff and Intervenors shall be prepared to present evidence and

testimony on the disputed topics, except Alternatives as noted above. **Testimony shall** be limited to those witnesses listed in the Prehearing Conference Statements. Applicant, Staff and Intervenors shall exchange copies of any documentary evidence not already provided, including, but not limited to, witness qualifications.

Parties' Opening Briefs on all topic areas must be filed no later than 3:00 p.m. on Monday, April 19, 2010 and Reply Briefs must be filed no later than 3:00 p.m. on Monday, May 3, 2010. Copies must be provided to the Committee, the Hearing Adviser, and those on the Proof of Service and mailing lists. The briefs shall be received by the other parties and the Commission's Docket Unit, 1516 9th Street, MS 14, Sacramento, California 95814-5512, no later than 3:00 p.m. on the dates indicated above. Briefs must contain "Docket No. 08-AFC-2" in the caption or heading. In addition to providing printed copies, the parties shall e-mail their status reports to the Hearing Officer and to those with e-mail addresses as indicated on the Proof-of-Service list.

The parties shall also provide electronic copies of the above-referenced briefs to the Hearing Officer via e-mail, in Microsoft Word format.

# **Evidentiary Hearing Procedures**

The purpose of the Evidentiary Hearing is to establish the factual record necessary for a decision on the Project proposal. The record is developed by the presentation of sworn testimony and documentary evidence. Testimony on undisputed topics and Alternatives shall be submitted by sworn declarations filed under penalty of perjury and offered into evidence by stipulation of the parties.

The Applicant has the burden of presenting sufficient substantial evidence to support the findings and conclusions required for certification of the site and related facilities. [20 Cal. Code Regs., § 1748(e).]

The parties' witnesses who appear in person shall be available for cross-examination. Each party sponsoring a witness shall submit the qualifications of the witness into the record by declaration and summarize the witness' prepared testimony before moving the testimony and relevant documents into evidence. At the conclusion of direct testimony, the witness may be cross-examined by the parties, followed by redirect and re-cross examination as appropriate, subject to limitation by the Committee.

Time limits on testimony or cross-examination were established at the Pre-Hearing Conference. However, the Committee may, at its discretion, curtail testimony or examination of a witness if it becomes cumulative or in any other way unproductive, in the interest of completing all topics areas at the Evidentiary Hearing efficiently.

## **Public Participation**

The Energy Commission invites members of the public and other interested parties to participate on an informal basis in the proceeding by submitting written and oral comments. Public comments are considered by the Commissioners and are part of the record, but are not part of the formal evidentiary record.

Pursuant to the Power Plant Site Certification Regulations, California Code of Regulations, title 20, Chapter 5, Section 1711, any person wishing to provide public comment in written form in this proceeding, shall submit such materials to the Commission's Docket Unit, 1516 9th Street, MS 14, Sacramento, California 95814-5512. Comments must contain "Docket No. 08-AFC-2" in the caption or heading. In lieu of providing printed copies, members of the public may e-mail their comments to Jennifer Jennings, the Public Adviser, at the e-mail address provided below. Public comments are due no later than Thursday, March 25, 2010.

The Energy Commission's Public Adviser's Office is available to provide the public with an understanding of a proceeding and to make recommendations for meaningful participation. For assistance, contact Jennifer Jennings, the Public Adviser, at (916) 654-4489 or 800-822-6228 or e-mail: [publicadviser@energy.state.ca.us].

If you have a disability and need assistance to participate in this event, contact Lourdes Quiroz well in advance of the hearing at (916) 654-5146 or e-mail: [lquiroz@energy.state.ca.us].

### Information

Questions of a legal or procedural nature should be directed to Kenneth Celli, the Hearing Officer, at (916) 651-8893 or e-mail: [kcelli@energy.state.ca.us].

Technical questions concerning the project should be addressed to Eric Solorio, Staff Project Manager, at (916) 651-0966, or e-mail: [esolorio@energy.state.ca.us].

Media inquiries should be directed to the Office of Media and Public Communications at (916) 654-4989 or e-mail: [mediaoffice@energy.state.ca.us]. Information concerning the status of the project, as well as notices and other relevant documents, may be viewed on the Energy Commission's Internet web page at: [www.energy.ca.gov/sitingcases/beacon].

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Dated: March 17, 2010, at Sacramento, California

Original signed by:

KAREN DOUGLAS
Chairman and Presiding Member
Beacon Solar AFC Committee

Original signed by

JEFFREY D. BYRON Commissioner and Associate Member Beacon Solar AFC Committee

# ATTACHMENT A BEACON SOLAR ENERGY

TOPIC AND WITNESS LIST - MARCH 22, 2010 EVIDENTIARY HEARING

TOPIC		WITNESSES	CROSS-EXAMINATION
		(Direct Testimony)	Or Declaration
1. Executive Summa and Project Descri	-	Applicant: Scott Busa; (Meg Russell by declaration); Kenneth Stein	Applicant: Declaration/5 minutes
		Staff: Eric Solorio	Staff: Declaration/5 minutes
2. Cultural Resource	ces	<ul> <li>Applicant: Rebecca Apple; Kenneth Stein; Duane McCloud, (Craig Young by declaration)</li> </ul>	Applicant: Declaration/15 minutes
		Staff: Michael D. McGuirt, Amanda Blosser, Beverly E. Bastian	Staff: Declaration/15 minutes
3. Hazardous Materi Management	ials	Applicant: Russ Kingsley et. all by declaration	Applicant: Declaration/5 minutes
<b>g</b> ee		CURE: Matthew Hagemann, PG	CURE: Declaration/ 15 minutes
		• Staff: Geoff Lesh, PE; Rick Tyler	Staff: Declaration
4. Soil and Water Resources		<ul> <li>Applicant: Michael Flack; Duane McCloud; Scott Busa; Scott Stern (by declaration); Jennifer Guigliano</li> </ul>	Applicant: Declaration/20 minutes
		CURE: David I. Marcus; Matt Hagemann	CURE: Declaration/30 mins.
		• Staff: Casey Weaver, P.G., Vince Geronimo, P.E., John L. Fio, and Michael N. DiFilippo	Staff: Declaration/40 mins
TOPIC		WITNESSES	CROSS-EXAMINATION

		(Direct Testimony)	Or Declaration
5.	Traffic and Transportation	Applicant: John Wilson et al. by declaration	Applicant: Declaration/5 minutes
	•	Staff: David Flores	Staff: Declaration
6.	Transmission Line Safety and Nuisance	Applicant: Steve Richards; Scott Busa	Applicant: Declaration/5 minutes
	•	Staff: Obed Odoemelam, Ph.D.	Staff: Declaration
7.	Waste Management	Applicant: Duane McCloud; Michael Flack; (Russ Kingsley; Mike Arvidson; Jim Fickerson, Janine Forrest by declaration)	Applicant: Declaration/15 minutes
		CURE: Matthew Hagemann, PG	CURE: Declaration/20 minutes
		Staff: Ellie Townsend Hough	Staff: Declaration
8.	Facility Design	Applicant: Steve Richards; Scott Stern; Kenneth Stein, Duane McCloud, Sara Head, Glen King by declaration	Applicant: Declaration/5 minutes
		Staff: Erin Bright and Steve Baker	Staff: Declaration
9.	Geology and Paleontology	Applicant: Mike Flack; Kenneth Stein, Bob Anders	Applicant: Declaration/5 minutes
		Staff: Dal Hunter, Ph.D., C.E.G.	Staff: Declaration
	TOPIC	WITNESSES	CROSS-EXAMINATION Or Declaration

	(Direct Testimony)	
10. Power Plant Efficiency	Applicant: Duane McCloud	Applicant: Declaration/5 minutes
	Staff: Shahab Khoshmashrab	Staff: Declaration
11. Air Quality	Applicant: Sara Head; Russ Kingsley; Kenneth Stein	Applicant: 15 minutes
	Staff: William Walters, P.E.	Staff: Declaration/20 minutes
12. Public Health	Applicant: Sara Head	Applicant: Declaration/5 minutes
	Staff: Obed Odoemelam, Ph.D.	Staff: Declaration/
13. Socioeconomic Resources	Applicant: Addie Olazabal	Applicant: Declaration/5 minutes
(including Environmental Justice)	Staff: Marie McLean	Staff: Declaration
14. Biological Resources	Applicant: Jennifer Guigliano; Alice Karl;     Philip Leitner; Kenneth Stein; (Lyndon Quon;     Jim Prine by declaration);	Applicant: Declaration/ 40 minutes
	CURE: Michael Bias, PhD; Scott Cashen	CURE: Declaration/1 hour
	Staff: Susan D. Sanders, CDFG Julie Vance;     USFWS Judy Hohman	Staff: Declaration/1 hour
TOPIC	WITNESSES	CROSS-EXAMINATION

	(Direct Testimony)	Or Declaration
15. Noise and Vibration	Applicant: Duane McCloud	Applicant.: Declaration/5 minutes
	Staff: Erin Bright and Steve Baker	Staff: Declaration
16. Transmission System Engineering	Applicant: Duane McCloud; Jared Foster, Steve Richards	Applicant: Declaration/10 minutes
	CURE: David Marcus	CURE: Declaration/5 minutes
	Staff: Sudath Arachchige and Mark Hesters	Staff: Declaration/10 minutes
17. Power Plant Reliability	Applicant: Duane McCloud	Applicant: Declaration/5 minutes
	Staff: Shahab Khoshmashrab	Staff: Declaration
18. Visual Resources	Applicant: Merlyn Paulson; Kenneth Stein; (Jody Salamacha-Hollier by declaration) (Overriding Considerations; Kenneth Stein)	Applicant: Declaration/20 minutes (15 minutes)      Staff: Declaration/30 minutes
	Staff: Mark R. Hamblin	• Stan: Declaration/30 minutes
19. Worker Safety and Fire Protection	Applicant: Mike Arvidson	Applicant: Declaration/5 minutes
	Staff: Geoff Lesh, PE and Rick Tyler	Staff: Declaration
TOPIC	WITNESSES (Direct Testimony)	CROSS-EXAMINATION Or Declaration

20. Land Use	Applicant: Scott Busa; Kenneth Stein; Jerry McLees	Applicant: Declaration/5 minutes
	Staff: James Adams	Staff: Declaration
21. Alternatives	Applicant: Scott Stern; Sara Head; Mike Flack; Kenneth Stein	Applicant : Declaration/5 minutes
	CURE: David I. Marcus	CURE: Declaration
	Staff: Eric K. Solorio, Michael N. DiFilippo; John S. Maulbetsch	Staff: Declaration



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APPLICATION FOR CERTIFICATION For the *BEACON SOLAR ENERGY PROJECT* 

Docket No. 08-AFC-2

PROOF OF SERVICE (Revised 2/8/10)

### **APPLICANT**

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### **COUNSEL FOR APPLICANT**

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### **INTERESTED AGENCIES**

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#### **INTERVENORS**

Californian Unions for Reliable
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### **ENERGY COMMISSION**

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<sup>\*</sup>indicates change

## **DECLARATION OF SERVICE**

I, Maggie Read, declare that on March 17, 2010, I served and filed copies of the attached, Evidentiary Hearing Order. 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/beacon/index.html].

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;
<u>X</u>	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 <b>NOT</b> 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 ( <i>preferred method</i> );
OR	
	depositing in the mail an original and 12 paper copies, as follows:
	CALIFORNIA ENERGY COMMISSION Attn: Docket No. <u>08-AFC-2</u> 1516 Ninth Street, MS-4 Sacramento, CA 95814-5512

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.

docket@energy.state.ca.us

\_Original signed by:
Maggie Read
Hearing Adviser's Office