

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

**BEFORE THE ARIZONA POWER PLANT  
AND TRANSMISSION LINE SITING COMMITTEE**

16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27

IN THE MATTER OF THE APPLICATION OF  
STARWOOD SOLAR I, L.L.C., IN  
CONFORMANCE WITH THE REQUIREMENTS  
OF ARIZONA REVISED STATUTES,  
SECTIONS 40-360, et seq., FOR A  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AUTHORIZING  
CONSTRUCTION OF A 290 TO 365  
MEGAWATT SOLAR THERMAL POWER  
PROJECT AND A 500KV TRANSMISSION  
LINE ORIGINATING AT THE PLANNED  
STARWOOD SOLAR I SUBSTATION TO THE  
PLANNED AND PERMITTED DELANY  
SUBSTATION AND INCLUDING A 500KV  
TRANSMISSION LINE FROM THE  
PROPOSED STARWOOD SOLAR I  
SUBSTATION TO THE EXISTING  
HARQUAHALA GENERATING STATION  
SWITCHYARD IN MARICOPA COUNTY,  
ARIZONA.

Docket No. L-00000MM-09-0446-00150

Case No. 150

**NOTICE OF HEARING**

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee ("Committee") regarding the application of Starwood Solar I, L.L.C. ("Applicant") for a Certificate of Environmental Compatibility authorizing the construction of a solar thermal electric generating facility ("The Solar Generation") and 500 kV transmission structures and an on-site substation (the "Transmission") (collectively the "Project").

The Solar Generation will be located on approximately 1,900 acres of land located in Maricopa County on the Southwest corner of 491<sup>st</sup> Avenue and Salome Highway, and the Transmission will interconnect the Solar Generation to the transmission system at the proposed Delany Substation, as depicted on the attached map.

The Solar Generation consists of solar collectors (approximately 3,500 100-meter long parabolic troughs), steam turbine generators and an indirect thermal-energy-storage system. The Project will produce a nominal output of between 290 MW and 365 MW, depending on the configuration of the turbines and thermal storage systems.

A new substation (Starwood Solar I) would be built, converting from 13.8kV to 500kV near the power block at the inside corner of the "L" approximately at 491<sup>st</sup> Avenue and Indian School Road.

1 The Project also will include a single circuit 500kV transmission line from the Project  
2 to the approved APS Delany Substation and a 500 kV line from the Project  
Switchyard to the Harquahala Substation.

3 A 500kV transmission line would be constructed between the Starwood Solar I  
4 Substation, constructed on the Project site near the power block at the inside corner  
of the "L" approximately at 491<sup>st</sup> Avenue and Indian School Road, to APS' approved  
5 Delany Substation (Case No. 128).

6 There are three proposed alignments:

7 (1) Indian School Road and Salome Highway (Preferred Route) - The Applicant's  
8 preferred alignment begins at the Starwood Solar I Substation near the intersection  
of 491<sup>st</sup> Avenue and Indian School Road in Section 29, Township 2 North, Range 8  
9 West. From there, the transmission line would extend east and parallel the Indian  
School Road alignment, crossing 2 irrigation canals and the Saddleback Flood  
10 Retarding Structure (FRS) until reaching the Salome Highway, Section 26, Township  
2 North, Range 8 West. The transmission line would turn southeast and parallel the  
11 Salome Highway until almost reaching the Thomas Road alignment, Section 25,  
Township 2 North, Range 8 West. At this point, the transmission line would turn  
east toward and continue to the Delany Substation, Section 25, Township 2 North,  
12 Range 8 West.

13 (2) Indian School Road (Alternative Route 1) - This alignment would begin at the  
Starwood Solar I Substation near the intersection of 491<sup>st</sup> Avenue and Indian School  
14 Road in Section 29, Township 2 North, Range 8 West. From there, the transmission  
line would extend east and parallel Indian School Road, crossing 2 irrigation canals,  
15 the Saddleback FRS, and the Salome Highway until reaching the 459<sup>th</sup> Avenue  
alignment, Section 25, Township 2 North, Range 8 West. The transmission line  
16 would turn south and parallel the 459<sup>th</sup> Avenue alignment until almost reaching the  
Thomas Road alignment, Section 25, Township 2 North, Range 8 West. At this  
17 point, the transmission line would turn east toward and continue to the Delany  
Substation, Section 25, Township 2 North, Range 8 West.

18 (3) Half-Section (Alternative Route 2) - This alignment would begin at the  
Starwood Solar I Substation near the intersection of 491<sup>st</sup> Avenue and Indian School  
19 Road in Section 29, Township 2 North, Range 8 West. From there, the transmission  
line would extend south to the half-section line of Section 29. At this point, the  
20 transmission line would turn east and parallel the half-section line, crossing 2  
irrigation canals and the Saddleback FRS until reaching the Salome Highway, Section  
21 26, Township 2 North, Range 8 West. The transmission line would turn southeast  
and parallel the Salome Highway until almost reaching the Thomas Road alignment,  
22 Section 25, Township 2 North, Range 8 West. At this point, the transmission line  
would turn east toward and continue to the Delany Substation, Section 25, Township  
23 2 North, Range 8 West.

24 The 500kV line to the existing Harquahala Generating Station would begin at the  
Starwood Solar I Substation that would be located near the intersection of 491<sup>st</sup>  
25 Avenue and Indian School Road in Section 29, Township 2 North, Range 8 West.  
From there, the transmission line would extend south to Thomas Road, Section 32,  
26 Township 2 North, Range 8 West. At this point, the transmission line turns west and  
parallels Thomas Road for a short distance before turning south into the Harquahala  
27 Switchyard.

1 The hearing will be held at the Wigwam Golf Resort & Spa, 300 Wigwam Boulevard,  
2 Litchfield Park, Arizona. The hearing is scheduled to begin Monday, October 26,  
3 2009 at 9:30 a.m., and to continue as necessary on Tuesday, October 27, 2009 and  
4 Wednesday, October 28, 2009 at 9:30 a.m. The hearing will adjourn at  
5 approximately 5:00 p.m. on all days. Additional hearing days, if necessary, will be  
6 noticed on the Applicant and Arizona Corporation Commission ("ACC") websites.

7 The Applicant's website with Project information is: <http://www.starwoodsolar.com/>

8 The ACC Website is: [http://www.cc.state.az.us/az\\_power\\_plant/linesiting-](http://www.cc.state.az.us/az_power_plant/linesiting-calendar.asp)  
9 [calendar.asp](http://www.cc.state.az.us/az_power_plant/linesiting-calendar.asp)

10 **PUBLIC COMMENT WILL BE TAKEN AFTER OPENING STATEMENTS AND AS**  
11 **PERMITTED BY THE COMMITTEE CHAIRMAN. IN ADDITION, A SEPARATE**  
12 **EVENING PUBLIC COMMENT SESSION WILL BE HELD OCTOBER 26, 2009, AT**  
13 **6:00 P.M. ALSO AT THE SAME LOCATION, THE WIGWAM GOLF RESORT &**  
14 **SPA.**

15 More complete maps, along with more detailed textual descriptions of the proposed  
16 routes are available in the Application and on the Applicant's website  
17 (<http://www.starwoodsolar.com>).

18 The Application including detailed maps of the proposed Project is on file with the  
19 Docket Control Center of the ACC, 1200 West Washington Street, Suite 108, Phoenix  
20 Arizona, 85007. Copies of the Application and Transcripts will also be available for  
21 inspection at the following location:

22 Harquahala Valley Fire District Station  
23 51501 W. Tonto Street  
24 Tonopah, AZ 85354

25 The Committee may conduct a tour of the Project area and the proposed routes –  
26 most likely to occur on October 27, 2009 starting at 9:00 a.m. If a tour is  
27 conducted, a map and itinerary for the tour will be available at the hearings.  
Members of the public may follow the Committee in their own private vehicles.  
During the tour, the Committee may hear brief testimony at stops on the tour from  
one or more witnesses concerning where the stops are located, what is visible at the  
stops and the relevance of the location and view to the proposed routes of the  
transmission line in the Application. No other discussion or deliberation concerning  
the Application will occur. A court reporter will transcribe any testimony taken on  
the tour.

Depending on the issues raised and the number of intervenors appearing during the  
hearing, the Committee may deem it appropriate at some point to recess the  
hearing to a time and place to be announced during the hearing, or to be  
determined after the recess, at which time and place the hearing will be resumed.  
These dates and places will be posted on the Project and ACC websites. At the  
discretion of the Committee, such resumed hearings may be held at a date, time and  
place designated by the Committee or its Chairman.

1 **NOTE: NOTICE OF SUCH RESUMED HEARING WILL BE GIVEN. PUBLISHED**  
2 **NOTICE OF SUCH RESUMED HEARING IS NOT REQUIRED.**

3 Each county and municipal government and state agency interested in the proposed  
4 Project and desiring to become a party in the proceeding must file with the Arizona  
5 Corporation Commission, 1200 West Washington Street, Phoenix, Arizona 85007, a  
6 notice of its intent to be a party. That notice must be filed not less than ten (10)  
7 days before the date set for hearing.

8 Any domestic, non-profit corporation or association, formed in whole or in part to  
9 promote conservation or natural beauty, to protect the environment, personal health  
10 or other biological values, to preserve historical sites, to promote customer interests,  
11 to represent commercial and industrial groups, or to promote the orderly  
12 development of the area in which the Project is to be located and desiring to become  
13 a party to the certification proceedings must file with the ACC, 1200 West  
14 Washington Street, Phoenix, Arizona 85007, notice of its intent to be a party. That  
15 notice must be filed not less than ten (10) days before the date set for hearing.

16 The Committee or its Chairman, at any time deemed appropriate, may make other  
17 persons parties to the proceeding.

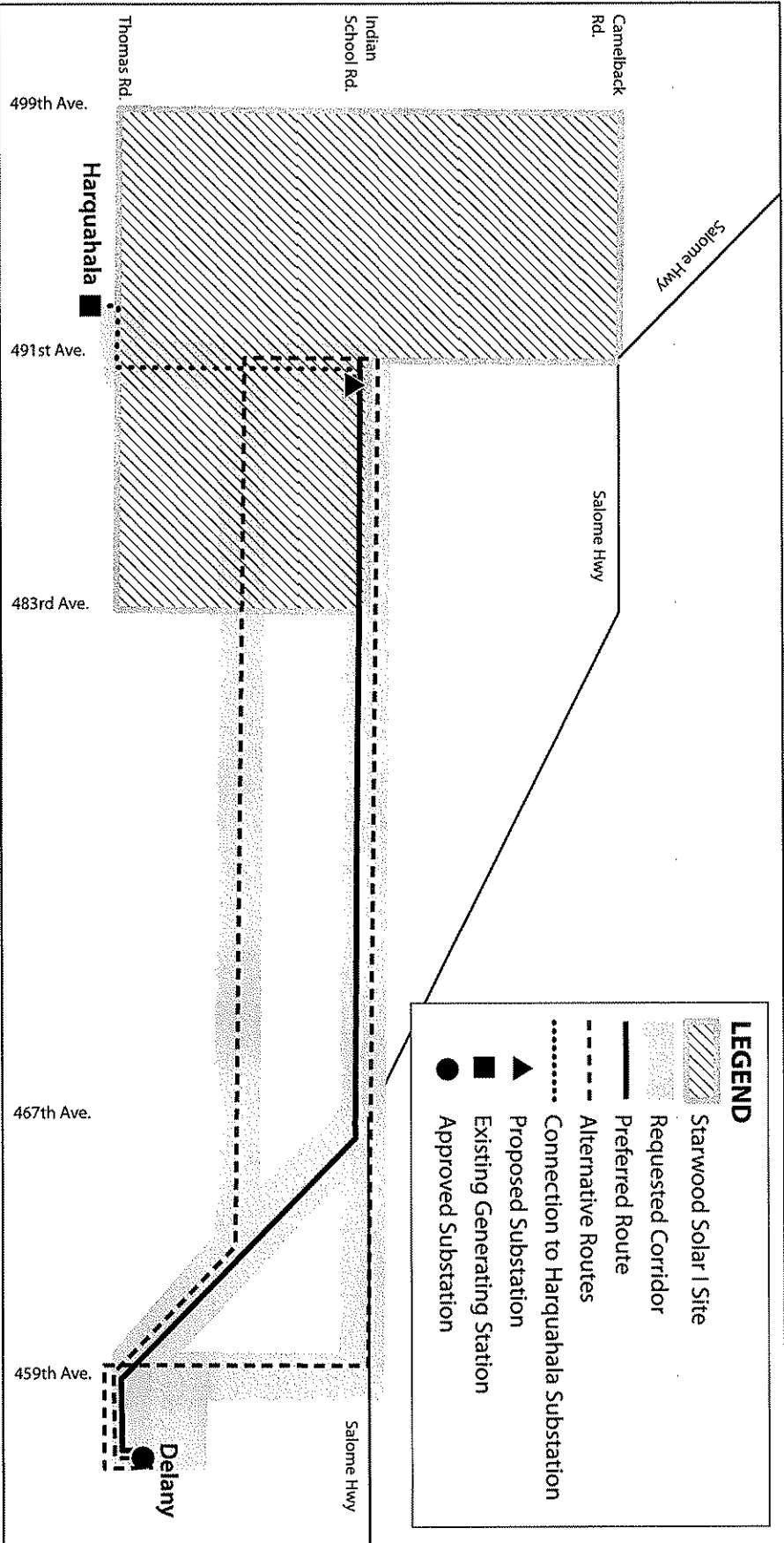
18 Any person may make a limited appearance at a hearing by filing a statement in  
19 writing with the ACC, 1200 West Washington Street, Phoenix, Arizona 85007, not  
20 less than five (5) days before a date set for hearing. A person making a limited  
21 appearance shall not be a party or have the right to present testimony or cross-  
22 examine witnesses.

23 This proceeding is governed by Arizona Revised Statutes (A.R.S.) §§ 40-360 to 40-  
24 360.13 and Arizona Administrative Code R14-3-201 to R14-3-219. No substantive  
25 communication, not in the public record, may be made to any member of the  
26 Committee. The written decision of the Committee will be submitted to the ACC  
27 pursuant to A.R.S. § 40-360.07. Any person intending to be a party before the ACC  
must be a party to the certification proceedings before the Committee.

ORDERED this 18<sup>th</sup> day of September, 2009.



John Foreman, Chairman  
Arizona Power Plant and  
Transmission Line Siting Committee  
Assistant Attorney General



Not to Scale