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BEFORE THE ARIZONA CORPORATION COMMISSION

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Commissioner

AZ CORP COMMISSION
DOCKET CONTROL

DOCKET NO. E-00000d-09-0020

8 IN THE MATTER OF THE GENERIC
9 DOCKET FOR THE 2010 BIENNIAL
10 TRANSMISSION ASSESSMENT FILED
PURSUANT TO A.R.S. § 40-360.02(A)

NOTICE OF FILING

11 Sonoran Solar Energy, LLC hereby gives notice that it is filing the attached
12 Ten-Year Transmission Plan.

13 RESPECTFULLY SUBMITTED this 25th day of November, 2009.

14 JENNINGS, STROUSS & SALMON, P.L.C.

15
16 By:

17 for: Kenneth C. Sundlof, Jr.
201 East Washington Street - 11th Floor
18 Phoenix, AZ 85004-2384
Attorney Sonoran Solar Energy, LLC

19 ORIGINAL and 13 copies
of the foregoing filed this
20 25th day of November, 2009, with:

21 Arizona Corporation Commission
22 Docket Control
1200 W. Washington Street
Phoenix, AZ 85007

23
24 By:

Arizona Corporation Commission
DOCKETED
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November 25th, 2009

ARIZONA CORPORATION COMMISSION
Utilities Division
1200 W. Washington Street
Phoenix, AZ 85007

Re: *Sonoran Solar Energy, LLC - Ten-Year Plan*

Dear Madam/Sir:

Pursuant to the provisions of A.R.S. § 40-360.02, Sonoran Solar Energy, LLC ("Sonoran") submits its Ten-Year Plan and states as follows:

1. The size and proposed route of any transmission lines proposed to be constructed.

Sonoran Solar Energy, LLC proposes to build a 500 kV generation tie-line that will interconnect the substation at the proposed Sonoran Solar Energy Project ("Project") to the Jojoba 500 kV substation operated by the Salt River Project ("SRP"). Sonoran's generation facility is described in its 90-day notice filed on November 25th, 2009. All facilities will be located in the Little Rainbow Valley, east of State Route 85, and south of the Buckeye Hills and the town of Buckeye in Maricopa County, Arizona. The proposed, 3-mile generation tie-line will ultimately interconnect the Project to the grid in a way similar to the route depicted in the attached Enclosure 1. The proposed route for this generation tie-line will be refined and filed with the respective application for a Certificate of Environmental Compatibility.

Arizona Corporation Commission Decision No. 63876 requires Transmission Owners to file internal planning criteria and system ratings with limiting elements identified with their Ten-Year Plan. Sonoran is not a Transmission Owner nor has it established internal transmission planning criteria. The planning criteria and system ratings filed annually by SRP with its Ten-Year Plans will serve as the surrogate record for Sonoran's planned transmission project.

2. The purpose to be served by each proposed transmission line.

The planned generation tie-line will enable Sonoran to connect the proposed Project's substation to the Jojoba 500 kV substation.

3. The estimated date by which each transmission line will be in operation.

The generation tie-line and the proposed Project's substation will be operational by summer 2013 to support start-up and testing of the project.

4. A technical report showing the project impact on the electric transmission system.

The power from both generator units (i.e., 125 MW unit and 250 MW unit) will be transformed through the proposed Project substation located near the power blocks and will be connected to the electric transmission system at the Jojoba 500 kV substation via a three-mile radial 500 kV line.

The technical reports supporting the interconnection of the Project to the Jojoba 500 kV substation have been approved by respective owners of the substation and are included with the 90-Day Filing.

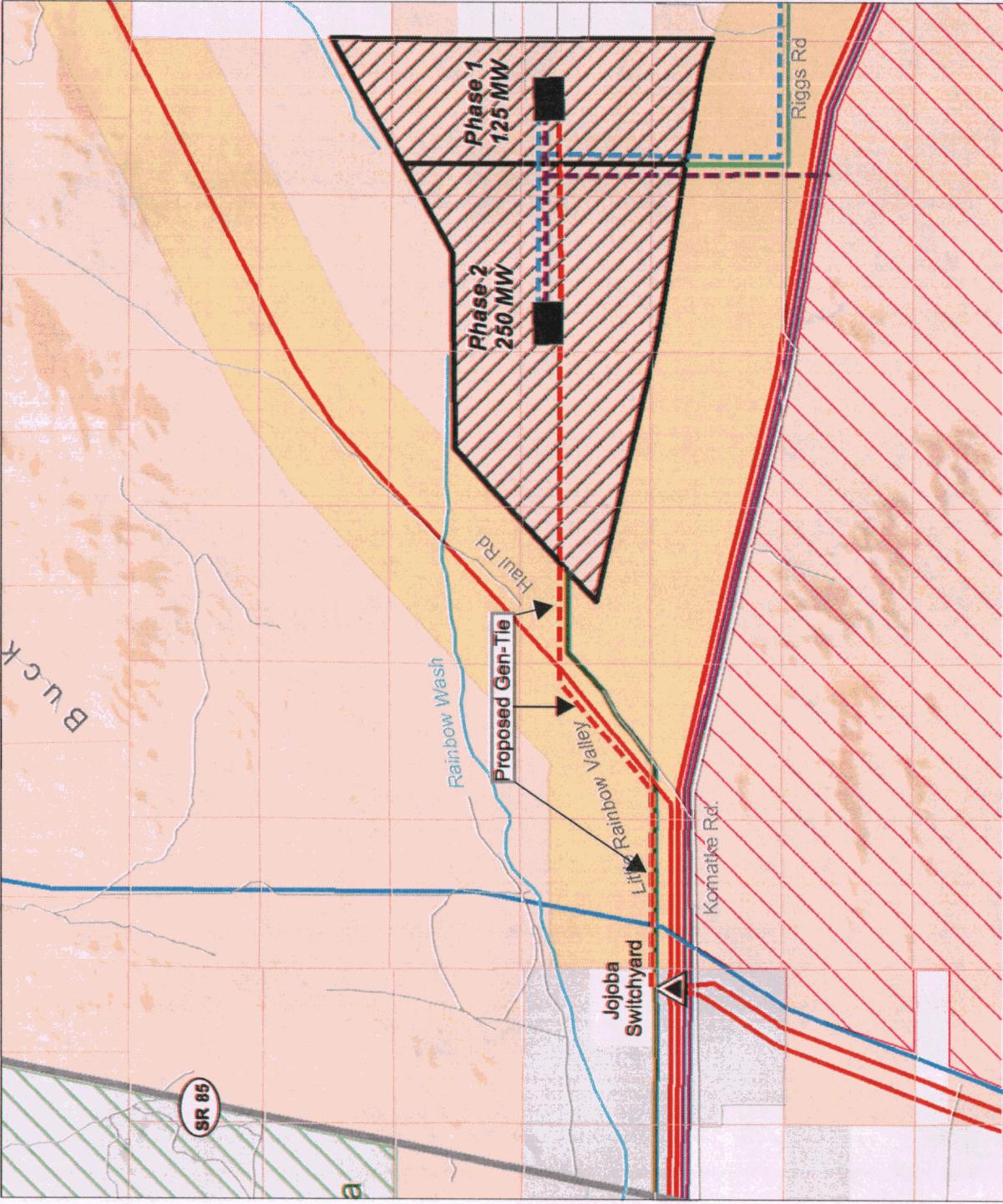
Very truly yours,

JENNINGS, STROUSS & SALMON, P.L.C.

By 

Kenneth C. Sundlof, Jr.

Enclosures: (1) Sonoran Solar Energy Project – Proposed Gen-Tie



**Sonoran Solar Energy Project
Proposed Gen-Tie**

Figure 2

- Project Components**
- 375 MW Solar Project Area
 - Water Pipeline
 - 200KV or 500 KV Transmission Line
 - Gas Pipeline
 - Power Block
 - Primary Access Road
 - Secondary Access Road

- Project Features**
- Designated SLM Utility Corridor
 - Land Ownership**
 - SLM
 - State
 - Private/Other
 - Special Designation**
 - Wilderness Area
 - National Monument
 - Recreation Area
 - State Wildlife Area

- General Reference Features**
- 500KV Transmission Line
 - 200KV Transmission Line
 - Pipelining
 - Jojoba Switchyard
 - Highway
 - Local Road
 - River
 - Wash
 - Section Boundary



Source: Streetmap, 2008; Platts, 2008; EPC, 2008;
Arizona Bureau of Land Management, 2008

0 0.4 0.8 1.2 1.6 Miles

November 12, 2009

