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Our File Number: 51170-00001

January 21, 2011

AZ CORP COMMISSION
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Arizona Corporation Commission
DOCKETED

JAN 21 2011

HAND DELIVERED

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Arizona Corporation Commission
Docket Control Center
1200 West Washington Street
Phoenix, AZ 85007

Re: SolarReserve, LLC-Crossroads Solar Energy Project Ten Year Plan
Docket No. E-00000D-11-0017

Pursuant to A.R.S. §40-360.02 (A) and (C), SolarReserve, LLC submits its Ten Year Plan filing for the year 2011.

Very truly yours,

Thomas H. Campbell

THC/bjg
Enclosures

cc: Steve Olea, Director, Utilities Division
Andrew Wang, SolarReserve, LLC

PLAN
for the
CROSSROADS SOLAR ENERGY PROJECT

Submitted by SolarReserve, LLC

January 21, 2011

Pursuant to A.R.S. §40-360.02, SolarReserve, LLC hereby submits its plan ("Plan") for the proposed Crossroads Solar Energy Project transmission line (the "Project").

The Project includes a 150 MW concentrating solar power plant (the "Power Plant") and associated 230 kV transmission interconnection tie line (the "Gen-Tie"). The specific items required by A.R.S. §40-360.02(C) are set forth below:

1. The size and proposed route of any transmission lines or location of any plant proposed to be constructed:

The Power Plant will be located in Maricopa County, Arizona, on four sections of private farm land (approximately 2,560 acres), approximately 1.25 miles north of the intersection of Interstate 8 and Paloma Road, and approximately two miles west of the Gila Bend town limits. The Project will include an approximately 12-mile-long 230kV transmission line Gen-Tie for interconnection to the existing APS-owned Panda - Gila River Substation. The precise route of the Gen-Tie has not yet been determined although it is proposed to generally follow the route previously certificated by the ACC for Abengoa's Solana power project gen-tie line along the Watermelon Road alignment. Attached is a map showing the plant and the proposed transmission line route.

2. The purpose to be served:

The proposed Gen-Tie would enable delivery of the Power Plant's electricity by interconnecting the Power Plant to the APS transmission system. It would also potentially back-feed power to the Project site for construction and operations. The Project can provide solar energy to an Arizona-based load-serving entity, thereby helping it meet its renewable energy standard requirements and diversify its resource portfolio. SolarReserve will also continue to evaluate alternatives for the Project to export power out of state.

3. The estimated date by which the transmission line and plant will be in operation:

The Project is estimated to be in commercial operation by the summer of 2014.

4. **The average and maximum power output measured in megawatts of each plant to be installed:**

N/A

5. **The expected capacity factor for each proposed plant:**

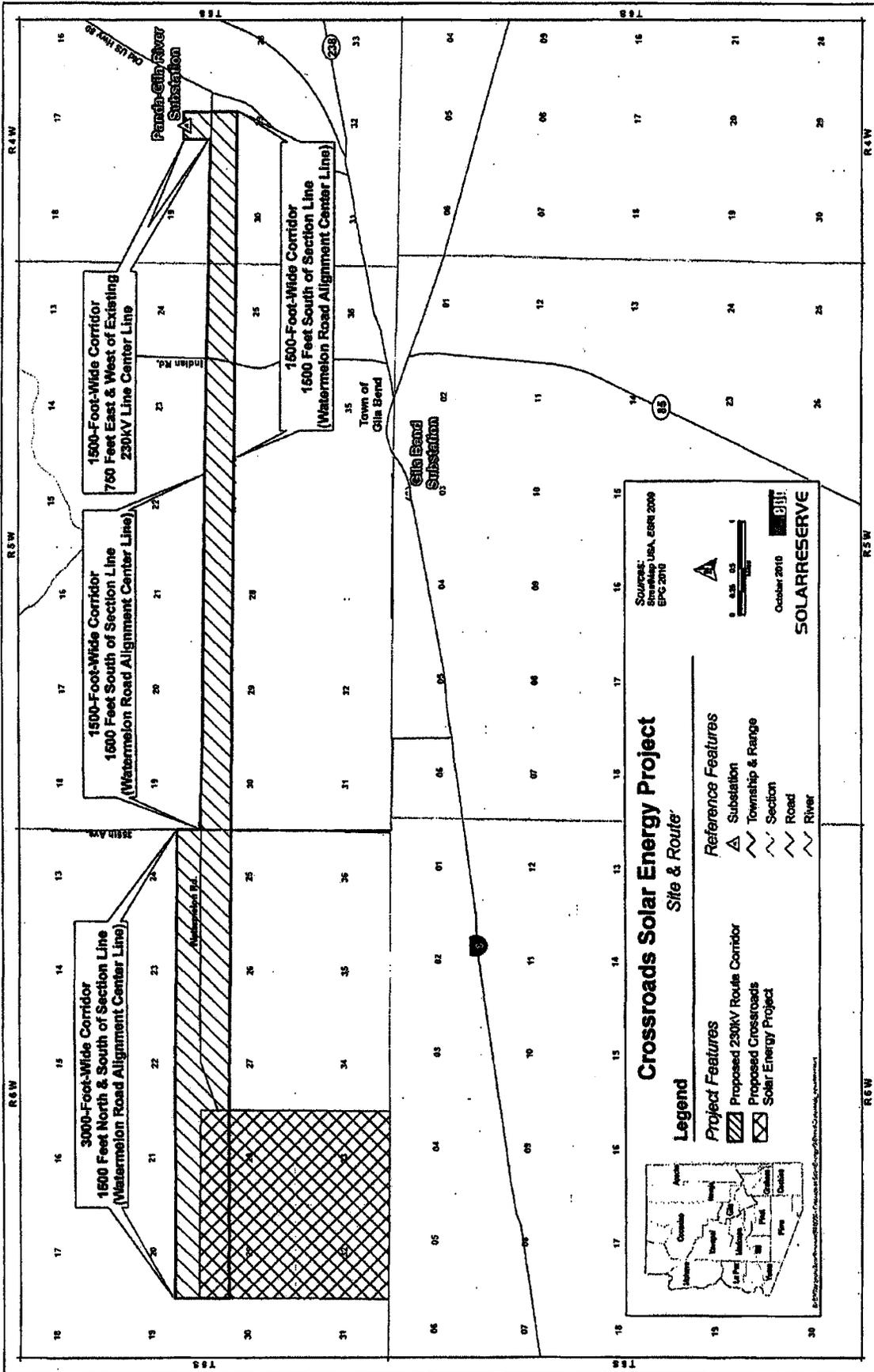
N/A

6. **The type of fuel to be used for each proposed plant:**

N/A

7. **The plans for any new facilities shall include a power flow and stability analysis report showing the effect of the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.**

A January 2011 Gila Bend Cluster Interconnection System Impact Study (“SIS”) was prepared by APS. Because there were several simultaneous interconnection requests in the Gila Bend/Gila River area, APS grouped several studies into the regional SIS, which included a power flow analysis and short circuit analysis. A copy of the SIS is being provided to the ACC Utilities Division Staff. The cost estimates have been redacted and are considered confidential.



Sources:
 ShoreMap USA, Esri 2009
 EPC 2010

October 2010

SOLARRESERVE

Crossroads Solar Energy Project

Site & Route

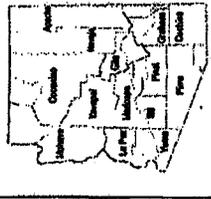
Legend

Project Features

- Proposed 230KV Route Corridor
- Proposed Crossroads
- Solar Energy Project

Reference Features

- Substation
- Township & Range
- Section
- Road
- River



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