

LEWIS
AND
ROCA
LLP
LAWYERS

Alana C. Hake
Associate
40 North Central Avenue
19th Floor
Phoenix, Arizona 85004-4429

ORIGINAL



0000133437

734 0930
AHake@LRLaw.com
Admitted in: Arizona

Our File Number: 51170-00001

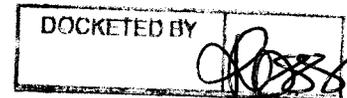
VIA HAND DELIVERY

January 13, 2012

Arizona Corporation Commission
Utilities Division - Docket Control
1200 W. Washington Street
Phoenix, Arizona 85007

Arizona Corporation Commission
DOCKETED

JAN 13 2012



Re: SolarReserve, LLC
Docket No. E-00000D-11-0017

Dear Docket Control:

Enclosed for filing in the above-referenced docket are the original and thirteen (13) copies of the 2012 Ten Year Plan for SolarReserve, LLC.

Sincerely,

Alana C. Hake

ACH/jw
Enclosures

RECEIVED
2012 JAN 13 P 4: 51
AZ CORP COMMISSION
DOCKET CONTROL

PLAN
for the
CROSSROADS SOLAR ENERGY PROJECT

Submitted by SolarReserve, LLC
January 13, 2012

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 beginning of 2015.

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:**

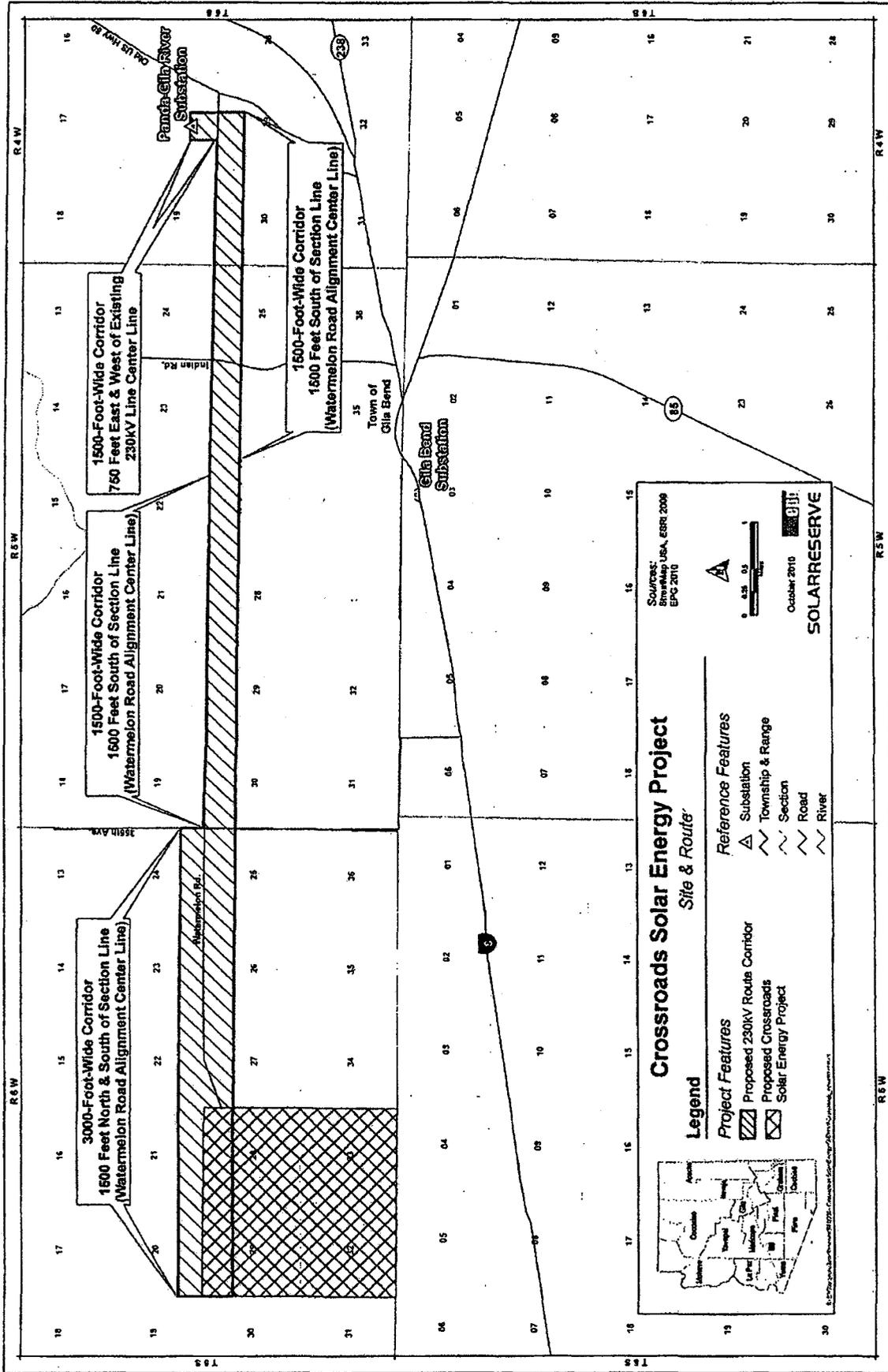
N/A

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 was provided to the ACC Utilities Division Staff in SolarReserve's 2011 Ten-Year Plan filing. The SIS cost estimates were redacted and are considered confidential. SolarReserve expects to receive the results of its Facilities Study in March 2012.



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

Scale: 0 0.25 0.5 1 Miles

Source: Screenshot USA, ESRI 2009
 EPC 2010

Date: October 2010

SOLARRESERVE

Inset Map: Shows the project location within the state of Arizona, highlighting the project area in the south-central region.