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Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

Arizona Corporation Commission
DOCKETED

JAN 02 2014

Subject: SunZia Southwest Transmission Project
SunZia Transmission, L.L.C.
Ten Year Plan for 2014

DOCKETED BY 

To Whom It May Concern:

Pursuant to A.R.S. § 40-360.02 (A) and (C), SunZia Transmission, L.L.C. (“SunZia”) hereby submits its Ten Year Plan filing for the year 2014. The information requirements associated with A.R.S. § 40-360.02 (C) are included as Appendix “A” to this filing.

The SunZia Southwest Transmission Project (“Project”) is comprised of up to two extra high voltage transmission lines, substations and termination facilities that would create a new interconnection between Arizona and New Mexico. Appendix “B” includes a map of the SunZia Project as document in the SunZia Final Environmental Impact Statement (“EIS”), dated June 2013. The Project would allow delivery of remotely-located power generation resources, including renewables, to power markets in the Western Electricity Coordinating Council (“WECC”), while improving regional grid reliability and power transfer across this area.

The Bureau of Land Management (“BLM”) is acting as the lead federal agency overseeing the EIS process, pursuant to the National Environmental Policy Act. SunZia plans to prepare an Application for a Certificate of Environmental Compatibility after the BLM publishes the Notice of Availability of the Record of Decision in the Federal Register. According to the BLM’s schedule, the Record of Decision should be publically available during the first quarter of 2014.

SunZia coordinates closely with siting jurisdictions in both Arizona and New Mexico as the Project progresses. The Project is regularly reviewed and discussed at regional planning forums such as WestConnect, the Southwest Area Subregional Transmission Planning Group ("SWAT") and SWAT's various subcommittees.

This informational filing is intended to be responsive to the requirements of A.R.S. § 40-360.02 (A) and (C) as they might apply to the SunZia Southwest Transmission Project and its related electric facilities currently under study. Depending on both the timing and nature of future development, the Project may have occasion to file an amendment to this Ten Year Plan for 2014.

Additional information on the SunZia Project can be found at www.sunzia.net.

Please direct any questions that may arise from this report to the undersigned at (602) 808-2004.

Sincerely,



Tom C. Wray
Project Manager
SunZia Southwest Transmission Project

Appendices (2)

Cc: File

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Appendix “A”

**SunZia Southwest Transmission Project
A.R.S. § 40-360.02 (C) Information Requirements**

Appendix "A"

Information Requirements Pursuant to A.R.S. § 40-360.02 (C)

40-360.02 (C) (1).

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

The SunZia Southwest Transmission Project ("Project") proposes to permit and construct up to two new single-circuit 500 kilovolt (kV) alternating current (AC) transmission lines originating at a new substation called the SunZia East to be located in Lincoln County, New Mexico and terminating at the Pinal Central Substation in Pinal County, Arizona. The 500 kV transmission lines are planned to interconnect with the underlying EHV grid in both New Mexico and Arizona. Depending on technical analysis of power flows and the commercial demand for transmission capacity, the Project may construct and operate one of the proposed transmission lines as a direct current bipolar facility.

The estimated length of the proposed transmission line route is approximately 515 miles. Approximately 200 miles of the proposed route is inside the state of Arizona, and is largely located on state trust lands managed by the Arizona State Land Department, a Cooperating Agency to the Bureau of Land Management's EIS process.

SunZia achieved Phase 3 of the Western Electricity Coordinating Council's three phase rating process on March 25, 2011. For two 500 kV AC lines, the Project has an accepted rating of 3,000 MW. Studies are currently underway to reaffirm the accepted rating of 3,000 MW and should be completed by the second quarter of 2014. If one of the 500 kV lines is constructed as a DC facility, the Project will complete the three phase rating process to determine the accepted rating for the AC/DC hybrid configuration.

40-360.02 (C) (2).

The purpose to be served by each proposed transmission line or plant.

The Project is conceived as a power transfer facility to transport generation from energy resources, including remotely-located renewable energy projects, to markets in the Western Electricity Coordinating Council, improve power transfers across the region and increase general reliability and relieve congestion of the interconnected EHV grid between Arizona and New Mexico.

40-360.02 (C) (3).

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

Based on current planning the first phase of the Project would be placed in service during 2018.

40-360.02 (C) (4).

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

Not applicable.

40-360.02 (C) (5).

The expected capacity factor for each proposed plant.

Not applicable.

40-360.02 (C) (6).

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

Not applicable.

40-360.02 (C) (7).

The plans for any new facilities shall include a power flow and stability analysis report showing the effect on 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.

Power flow studies, stability studies, dynamic system modeling and short-circuit studies will be prepared as the Project's electrical definition matures. The Project will coordinate and review these study findings with Commission Staff as they become available.

Appendix “B”

SunZia Southwest Transmission Project Study Area Map

(As of June 2013)

