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BEFORE THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

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IN THE MATTER OF THE APPLICATION OF SUN STREAMS, LLC, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360.03 AND 40-360.06, FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AUTHORIZING CONSTRUCTION OF THE SUN STREAMS GEN-TIE PROJECT, A 34.5 / 500KV SUBSTATION AND 0.3-MILE 500KV GEN-TIE LINE INTERCONNECTING A PHOTOVOLTAIC (PV) SOLAR GENERATING FACILITY TO THE ADJACENT HASSAYAMPA SWITCHYARD IN MARICOPA COUNTY APPROXIMATELY 5 MILES SOUTHEAST OF WINTERSBURG, APPROXIMATELY 11 MILES SOUTHEAST OF TONOPAH, APPROXIMATELY 5 MILES WEST NORTHWEST OF ARLINGTON, AND APPROXIMATELY 14 MILES WEST OF BUCKEYE, ARIZONA.

Docket No. L-00000XX-14-0120-00168

Case No. 168

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CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

Case No. 168

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission Line Siting Committee ("Committee") held a public hearing on May 12, 2014 in Goodyear, Arizona, in conformance with the requirements of Arizona Revised Statutes ("A.R.S.") §§ 40-360, *et seq.*, for the purpose of receiving evidence and deliberating on the Application of Sun Streams, LLC ("Applicant") for a Certificate of Environmental Compatibility ("Certificate") in the above-captioned Case No.168.

The following members and designees of members of the Committee were present at the hearing for the evidentiary presentations and/or for the deliberations:

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- Hon. John Foreman Chairman, Designee for Arizona Attorney General
- Tom Horne
- Trevor Baggione Designee for Director, Arizona Department of Environmental Quality
- David Eberhart Designee for Chairman, Arizona Corporation Commission
- Jack Haenichen Designee for Director, Arizona Governor's Office of Energy Policy
- Sylvia Allen Appointed Member
- Jeff McGuire Appointed Member
- Patricia Noland Appointed Member
- Paul Walker Appointed Member

Applicant was represented by Jay Moyes and Jason Moyes of Moyes Sellers & Hendricks, Ltd. No parties sought intervention or made a limited appearance. At the conclusion of the hearing, the Committee, having received the Application, the evidence, testimony and exhibits presented at the hearing, and being advised of the legal requirements of A.R.S. §§ 40-360 to 40-360.13, upon motion duly made and seconded, voted 8 to 0 in favor of granting Applicant this Certificate of Environmental Compatibility (Case No. 168) for construction of the Sun Streams Gen-tie Project. The Sun Streams Gen-tie Project as approved consists of a 34.5 / 500kV substation and approximately 0.3-mile 500kV gen-tie line (the "Project") interconnecting the proposed Sun Streams photovoltaic solar generating facility to the adjacent existing Hassayampa Switchyard. The Project is located in the northwest quarter of Section 14, Township 1 South, Range 6 West, in Maricopa County, approximately 5 miles southeast of Wintersburg, approximately 11 miles southeast of Tonopah, approximately 5 miles

1 west northwest of Arlington, and approximately 14 miles west of Buckeye, Arizona. The
2 proposed Gen-tie Line will be constructed in a corridor more than 200 feet and less than 800
3 feet south of, and parallel to, the Elliot Road right of way, between the Project Substation and
4 the existing Hassayampa Switchyard. A general location map of the Project is set forth in
5 **Exhibit A.**

6 CONDITIONS

7 This Certificate is granted upon the following conditions:

8 1. Applicant shall comply with all existing applicable statutes, ordinances, master
9 plans and regulations of any governmental entity having jurisdiction during the construction of
10 the Project—including the United States, the State of Arizona, or Maricopa County.

11 2. If human remains and/or funerary objects are encountered on private land during
12 the course of any ground-disturbing activities relating to the construction of the Project,
13 Applicant shall cease work on the affected area of the Project and notify the Director of the
14 Arizona State Museum as required by A.R.S. § 41-865.

15 3. Applicant shall comply with the notice and salvage requirements of the Arizona
16 Native Plant Law (A.R.S. §§ 3-901, et seq.) and shall, to the extent feasible, minimize the
17 destruction of native plants during Project construction. Applicant agrees to follow Arizona
18 Game and Fish Department guidelines for handling protected animal species, should any be
19 encountered during construction.

20 4. Applicant, or its assignee(s), shall design the transmission lines to incorporate
21 reasonable measures to minimize impacts to raptors.

22 5. Applicant, or its assignee(s), shall use non-specular conductor and dulled surfaces
23 for the Project's transmission line structures.

24 6. When project facilities are located parallel to and within 100 feet of any existing
25 natural gas or hazardous liquid pipeline, Applicant shall:
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- a. Ensure grounding and cathodic protection measurements are performed to show that the project’s location parallel to and within 100 feet of such pipeline results in no material adverse impacts to the pipeline or to public safety when both the pipeline and the project are in operation. Applicant shall take appropriate steps to ensure that any material adverse impacts are mitigated. Applicant shall provide to Arizona Corporation Commission (“Commission”) Staff and file with Docket Control a copy of the measurements performed and additional mitigation, if any, that was implemented as part of its annual compliance-certification letter; and
- b. Ensure that measurements are taken during an outage simulation of the project that may be caused by the collocation of the project parallel to and within 100 feet of the existing natural gas or hazardous liquid pipeline. The measurements should either: i) show that such simulated outage does not result in customer outages; or ii) include operating plans to minimize any resulting customer outages. Applicant shall provide a copy of the measurement results to Commission Staff and file it with Docket Control as part of its annual compliance-certification letter.

7. Applicant will follow the latest Western Electricity Coordinating Council / North American Electric Reliability Corporation Planning standards as approved by the Federal Energy Regulatory Commission, and National Electrical Safety Code construction standards.

8. This authorization to construct the Project shall expire ten (10) years from the date the Certificate is approved by the Arizona Corporation Commission (the “Commission”). However, prior to expiration, Applicant may request that the Commission extend this time limitation. In the event of such request, Applicant shall use reasonable means to notify all landowners and residents within one mile of the Project, all persons who made public comment at

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this proceeding, and all parties to this proceeding of the request and the date, time and place of the hearing in which the Commission will consider the request for extension.

9. Within 120 days of the Commission decision approving this Certificate, Applicant will post at the Project site a new sign, of approximately the same size and at approximately the same location as the "Notice of Hearing" sign previously posted by Applicant, giving further notice of the Project, to the extent authorized by law, until the Project construction is substantially completed. The sign shall advise :

- (a) That the site has been approved for the construction of Project facilities;
- (b) The expected date of completion of the Project facilities;
- (c) A phone number for public information regarding the Project;
- (d) The name of the Project; and
- (e) The website of the Project.

10. Applicant shall submit a self-certification letter annually, identifying progress made with respect to each condition contained in this Certificate, including which conditions have been met. Each letter shall be submitted to the Docket Control of the Arizona Corporation Commission on June 1 beginning in 2015. Attached to each certification letter shall be documentation explaining how compliance with each condition was achieved. Copies of each letter along with the corresponding documentation shall be submitted to the Arizona Attorney General and the Arizona Governor's Office of Energy Policy. The requirement for the self-certification shall expire on the date the Project is placed into operation.

11. Applicant shall provide copies of this Certificate to Maricopa County, the State Historic Preservation Office, and the Arizona Game and Fish Department.

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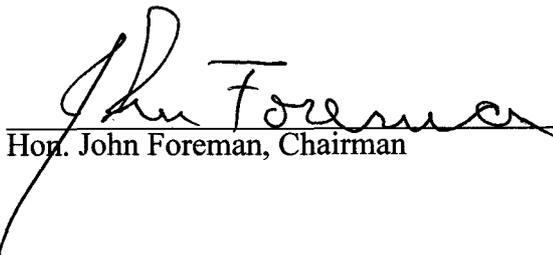
FINDINGS OF FACT AND CONCLUSIONS OF LAW

This Certificate incorporates the following findings of fact and conclusions of law:

1. The Project aids the state and the southwest region in meeting the need for an adequate, economical and reliable supply of electric power.
2. The Project aids the state in preserving a safe and reliable transmission system.
3. The Project and the conditions placed on the Project by the Committee in this Certificate effectively minimize the Project's impact on the environment and ecology of the state.
4. The conditions placed on the Certificate resolve matters concerning balancing the need for the Project and its impact on the environment and ecology of the state raised during the course of the proceedings, and as such, serve as findings on the matters raised.
5. The Project is in the public interest because the Project's contribution to meeting the need for an adequate, economical and reliable supply of clean, renewable electric power and a safe and reliable transmission system outweighs the minimized impact of the Project on the environment and ecology of the state.
6. In light of these conditions, the balancing in the broad public interest results in favor of granting this Certificate.

DATED this 13 day of May, 2014.

THE ARIZONA POWER PLANT AND
TRANSMISSION LINE SITING COMMITTEE



Hon. John Foreman, Chairman

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Exhibit A
to
Certificate of Environmental Compatibility
for
Sun Streams Gen-tie Project
Case No. 168

Project General Location Map

