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 AZ CORP COMMISSION
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 2016 MAY 4 PM 4 24

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

11 DOUG LITTLE, CHAIRMAN
 12 BOB STUMP
 13 BOB BURNS
 14 ANDY TOBIN
 15 TOM FORESE

Arizona Corporation Commission
 DOCKETED
 MAY 04 2016

DOCKETED BY *[Signature]*

17 **IN THE MATTER OF**
 18 **SUN STREAMS, LLC'S**
 19 **TEN YEAR PLAN**

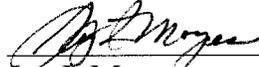
Docket No. E-00000D-15-0001

**NOTICE OF FILING
TEN YEAR PLAN UPDATE**

24 In accordance with Arizona's Ninth Biennial Transmission Assessment process, Sun
 25 Streams, LLC files its Ten Year Plan Update for the substation and gen-tie transmission
 26 facilities associated with the proposed Sun Streams Solar Generating Project.

1 DATED this 4 th day of MAY, 2016.

2 **MOYES SELLERS & HENDRICKS LTD.**

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5 Jay I. Moyes
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8 Original and 13 copies filed this
9 4th day of May, 2016:

10 Docket Control
11 Arizona Corporation Commission
12 1200 West Washington Street
13 Phoenix, Arizona 85007

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SUN STREAMS, LLC
Ten Year Plan (Updated)
For Proposed Transmission Facilities
(in-service estimated 2020)

<u>Line Description</u>	Sun Streams Solar Project Substation and Gen-tie Line
<u>Size</u>	
• Voltage	34.5/500 kV step up transformers and up to approximately 1,600 feet of 500 kV AC single circuit line from the high side of the step up transformer to a 500 kV bus at the Hassayampa Switchyard.
• Capacity	TBD; Estimated 150 MW
• Point of Origin	The proposed Sun Streams 34.5/500 kV substation in the NW ¼ of Section 14 (at the Sun Streams Solar Generating Project, an approximately 150 MW, PV-only solar facility proposed for development in portions of Sections 2, 11, 12, 13 and 14), all in T. 1 N., R. 6 W., G&SRB&M.
• Termination Point	A 500 kV bus at the existing Hassayampa Switchyard.
• Length	TBD; .3 miles, depending upon the final substation configuration.
<u>General Route</u>	As approved in the CEC, the gen-tie line will generally run east to west from the Sun Streams Solar Generating Project substation in the NW ¼ of Section 14 into the adjacent, existing Hassayampa Switchyard.
<u>Purpose</u>	The gen-tie line will interconnect the proposed Sun Streams Solar Generating Project with the regional transmission grid at the Hassayampa Switchyard.
<u>Date</u>	
• Estimated Construction Start	TBD. Est. Q1 of 2018
• Estimated In-Service Date	TBD. Est. Q1 of 2020
• Is Certificate Necessary?	CEC approved by Commission on August 12, 2014, Decision No. 74688
<u>System Impact Study</u>	System Impact Study Report prepared by Chuck-yan Wu, WHenergy Consulting, Inc. (filed previously) END