WELCOME

ARIZONA SOLAR 1 INTERCONNECTION PROJECT
SCOPING FOR AN ENVIRONMENTAL ASSESSMENT (DOE/EA-2098)

OPEN HOUSE
THURSDAY NOVEMBER 8, 2018
5:30 P.M. - 7:30 P.M.

PLEASE SIGN IN HERE
Western Area Power Administration (WAPA) is a Federal power-marketing agency within the U.S. Department of Energy (DOE) that operates and maintains transmission lines and associated facilities in accordance with the Federal Power Act, Section 211, and our Open Access Transmission Service Tariff. WAPA's purpose and need is to consider and respond to a request from AZ Solar 1, LLC, to interconnect its proposed photovoltaic solar plant, located near Salome, La Paz County, Arizona, to WAPA's electrical transmission system via the Little Harquahala to Harcuvar 115-kilovolt transmission line.

**WAPA’S ACTION**

Based on the bulk electrical system studies completed to date, WAPA would take the following actions to implement this interconnection agreement.

1. Install and maintain two new pole structures in the existing transmission line easement;
2. Add and maintain the less than 500-foot-long connections across BLM land from the transmission line to the new structures and into applicant’s switchyard;
3. Modify existing right-of-way documents to support these connections as needed; and
4. Review the reliability features of the applicant’s switchyard equipment.

WAPA evaluates interconnection requests based on available transmission capacity, the safety and reliability of the bulk electrical system, and the results of the environmental planning processes.

**BLM & RECLAMATION INVOLVEMENT**

BLM and Reclamation are cooperating agencies in the environmental planning process. The transmission line is located on Bureau of Land Management (BLM) land in an existing right-of-way held by the Bureau of Reclamation (Reclamation). WAPA and Reclamation will coordinate with the BLM on an amendment to the Little Harquahala to Harcuvar transmission line right-of-way for the project’s proposed transmission line improvements and overhead connections across BLM land.
PROJECT OVERVIEW MAP
ARIZONA SOLAR 1 INTERCONNECTION PROJECT (DOE/EA-2098)

AZ Solar 1 Interconnection DOE/EA-2098 Project

- Project Area
- Bureau of Land Management
- Private
- State Trust
- Transmission Line
- Roads

Overview: Arizona Solar 1 Interconnection DOE/EA-2098 Project

Basemap: ESRI USA Topo Maps

Scale: T5N R13W Section 18
T5N R14W Section 13
La Paz County, AZ
UTM NAD 83 Zone 12
Date: 10/22/2018

Location to be Determined

Proposed Overhead Line
Location to be Determined

Applicant Substation/ Switchyard

Private Land

Inset: Transmission Line

Transmission Line Interconnection (See Inset)

Little Harquahala–Harcuvar 115-kilovolt Transmission Line
La Paz

Overview Arizona: Site Location

- Applicant Substation/Switchyard
- Private Land
- Bureau of Land Management
- Transmission Lines
- Roads
AZ Solar 1, LLC, proposes to build, operate, and maintain an approximately 32.5-megawatt photovoltaic solar energy generation facility on up to a 480-acre parcel of private land. An optional 27.5 megawatts of photovoltaic solar energy generation and an optional 10-megawatt battery storage facility may be added to the parcel based on market considerations. Although the total nameplate capacity of the planned facility and the optional installation totals approximately 60 megawatts, Arizona Solar 1, LLC, plans to operate the facility such that the annual output is equal to or less than 50 average megawatts. Construction of the facility would include the following components:

- Installing solar panels with optional battery storage on up to 480 acres of land;
- Installing underground collection lines from each panel to a collection point switchyard;
- Creating access roads within the facility for construction and maintenance; and
- Construction an on-site collection point switchyard covering between 2 and 4 acres.

### Preliminary Solar Array Options

**Option A**
- **50' Access Road**
- **Site Boundary**
- **Existing Overhead Electric 27.5 kV Easement**
- **L.P. Setback**
- **N.E.P. Setback**

**Option B**
- **50' Access Road**
- **Site Boundary**
- **Existing Overhead Electric 27.5 kV Easement**
- **L.P. Setback**
- **N.E.P. Setback**

**General Parameters**
- **Ground Cover Ratio**: 33%
- **Setbacks**: 10' from easement
- **Row to Row Spacing**: 20.66'
- **Rocking Single Axis Tracker**
- **Project Size**: 73.68 MWdc / 57.5 MWac

**Equipment Assumptions**
- **2.5 MVA Inverters**
- **78 Module Row Trackers**
- **S6 420 W Modules**

**Other Considerations**
- **Current Layout is based on the following conditions**: Regulatory, which may impact the proposed layout and is subject to change based on state, or other local development conditions.

**Design Parameters**
- **Planned for Construction and Maintenance Purposes Only.**
**What Is Scoping?**

Scoping is an opportunity for the public and governments (local, state, federal, tribal) to advise WAPA on the scope and content of the Environmental Assessment and supporting studies.

Your comments can help WAPA:
- Identify the people and organizations interested in the project
- Identify reasonable alternatives for study
- Identify the issues to be analyzed in the environmental document
- Identify gaps in data and information needs
- Suggest reasonable alternatives to the project that meet WAPA’s purpose and need and measures that may help avoid or minimize possible impacts to the environment.
- Submit written comments to explain important issues that the environmental document should address or analyze.
- Let us know which topics you think are important to evaluate for this project and which ones are not.

**Suggestions for Effective Participation in Scoping**

- Suggest reasonable alternatives to the project that meet WAPA’s purpose and need and measures that may help avoid or minimize possible impacts to the environment.
- Submit written comments to explain important issues that the environmental document should address or analyze.
- Let us know which topics you think are important to evaluate for this project and which ones are not.

**How to Get Involved**

WAPA prefers to receive your comments by November 26, 2018 or post-marked by that date. We will also accept comments after this date to the extent practical. You can submit comments by filling out a comment card at the scoping meeting, sending a letter or email, or by calling WAPA.

- **Phone:** (602) 605-2536
- **Email:**
  DSW-EA2098PublicComment@wapa.gov
- **Send written comments via postal mail to:**
  Western Area Power Administration, Desert Southwest Region
  ATTN: Matthew Bilsbarrow, NEPA Document Manager
  PO BOX 6457
  Phoenix, Arizona 85005

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**The NEPA Process**

- **Oct. ’18**
  - WAPA Determination to Prepare EA

- **Oct. ’18 to Nov. ’18**
  - Scoping Period
    - We Are Here
    - Comments Will Be Accepted Throughout Preparation of the Draft EA

- **Dec. ’18 to Feb. ’19**
  - Conduct Environmental Studies & Prepare Draft EA

- **March ’19 to April ’19**
  - Release and Public Review of Draft EA

- **May ’19 to June ’19**
  - Final EA
    - WAPA Decision Finding of No Significant Impact or Determination to Prepare an Environmental Impact Statement
    - BLM Decision
      - Right-of-Way Approvals