

# WELCOME

## ARIZONA SOLAR 1 INTERCONNECTION PROJECT

SCOPING FOR AN ENVIRONMENTAL ASSESSMENT (DOE/EA-2098)



Western Area  
Power Administration

### **OPEN HOUSE**

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THURSDAY NOVEMBER 8, 2018

5:30 P.M. - 7:30 P.M.

## PLEASE SIGN IN HERE

# PROPOSED ACTION

## ARIZONA SOLAR 1 INTERCONNECTION PROJECT (DOE/EA-2098)

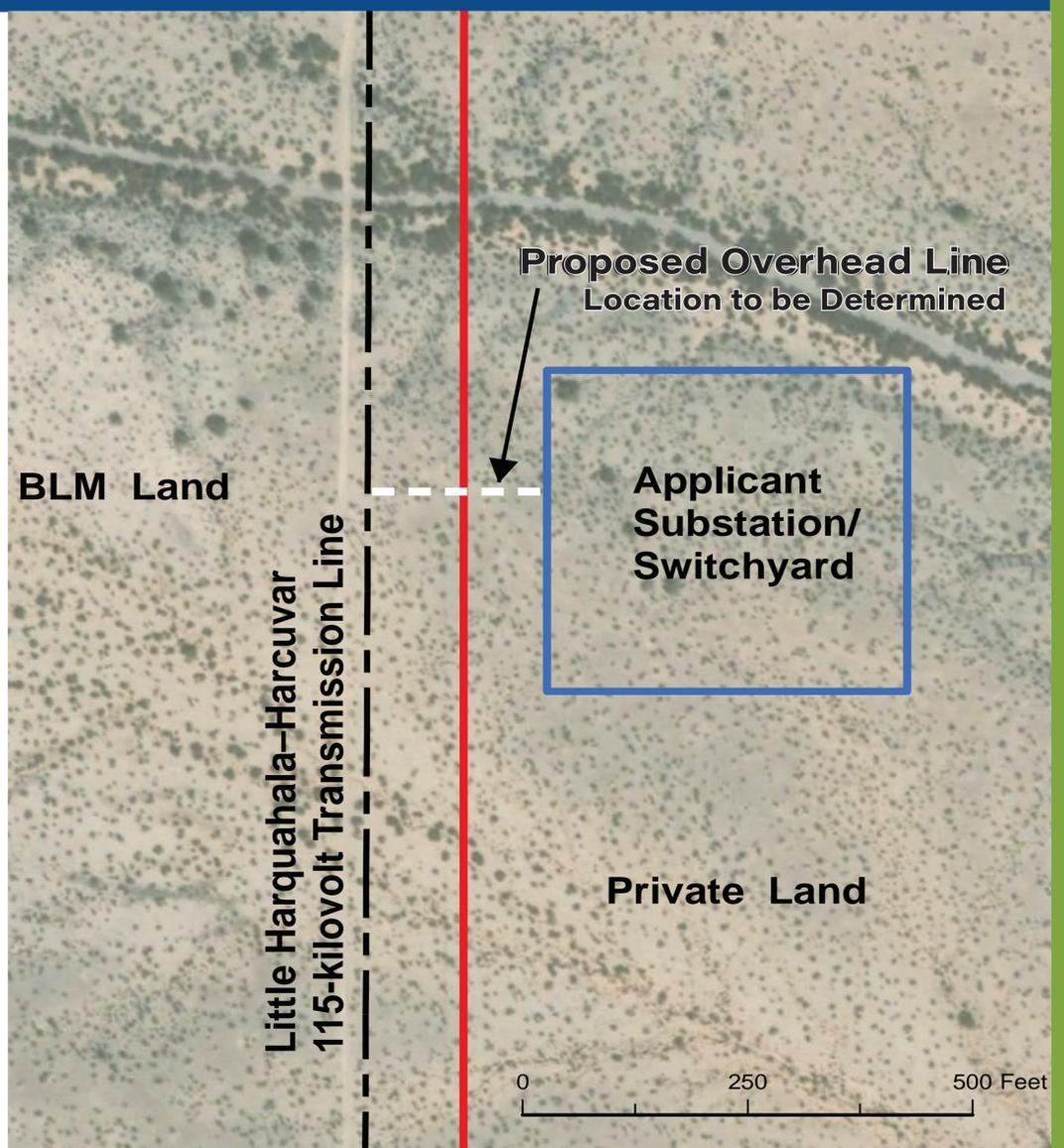
Western Area Power Administration (WAPA) is a Federal power-marketing agency within the U.S. Department of Energy (DOE) that operates and maintains transmission lines and associated facilities in accordance with the Federal Power Act, Section 211, and our Open Access Transmission Service Tariff. WAPA's 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.

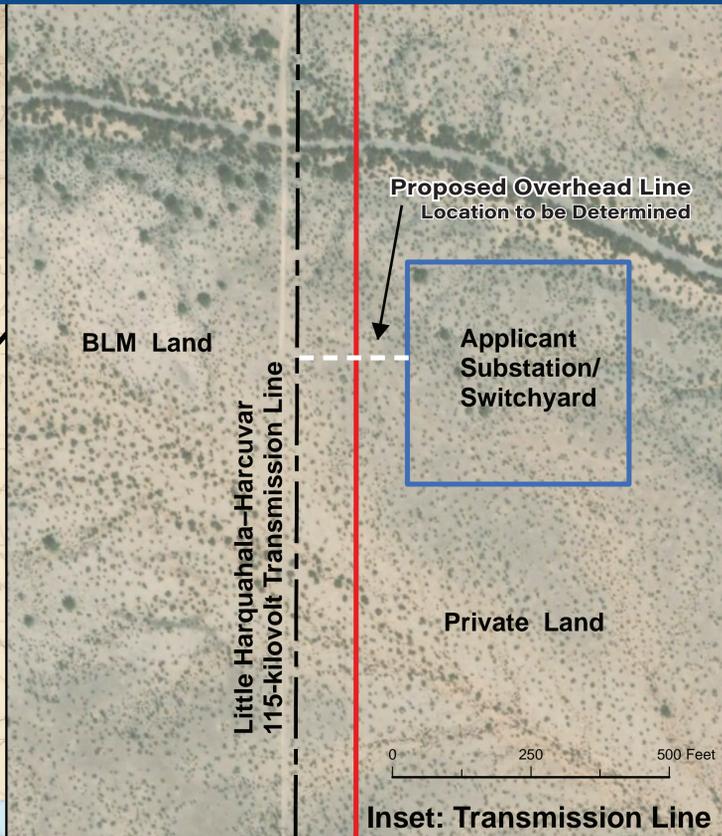
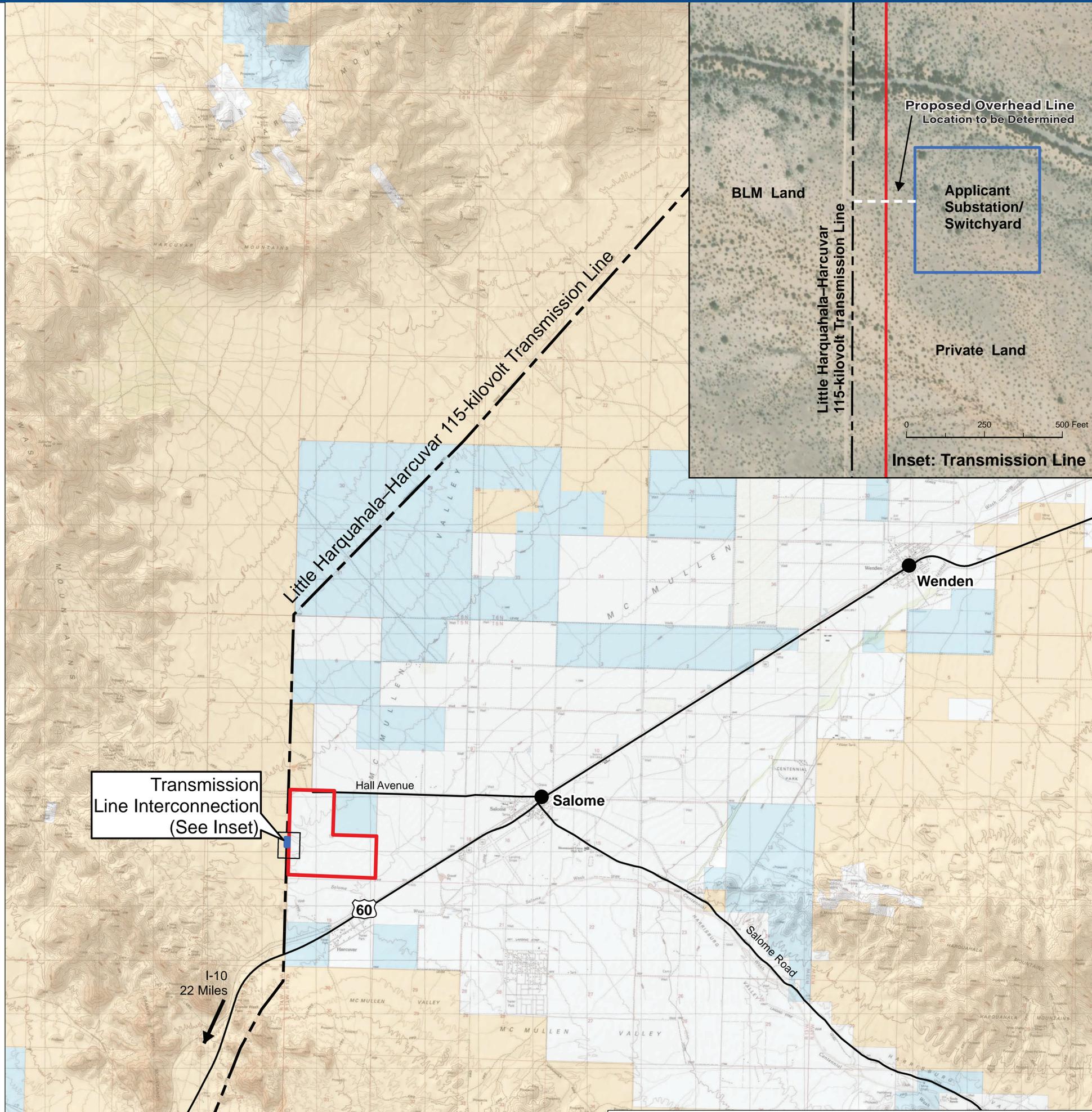


## BLM & RECLAMATION INVOLVEMENT

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.

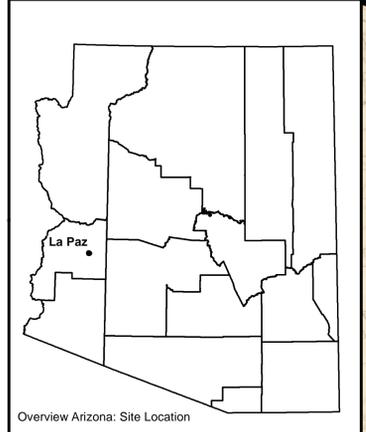
# PROJECT OVERVIEW MAP

## ARIZONA SOLAR 1 INTERCONNECTION PROJECT (DOE/EA-2098)



Transmission Line Interconnection (See Inset)

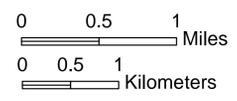
I-10  
22 Miles



Overview Arizona: Site Location

### AZ Solar 1 Interconnection DOE/EA-2098 Project

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



Basemap: ESRI USA Topo Maps  
 TSN R13W Section 18  
 TSN R14W Section 13  
 La Paz County, AZ  
 UTM NAD 83 Zone 12  
 Date: 10/22/2018

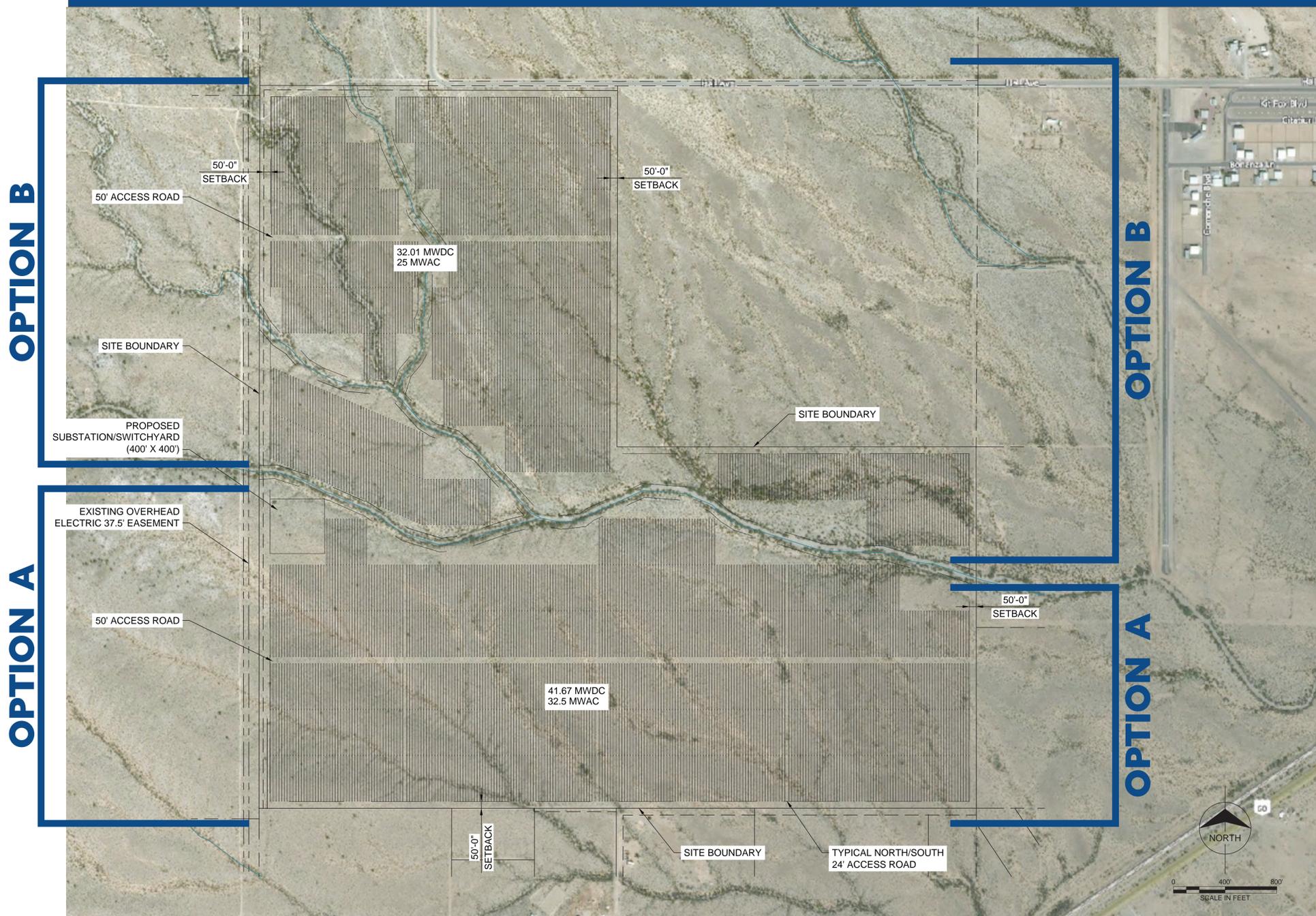
# AZ SOLAR 1, LLC FACILITY DESCRIPTION

ARIZONA SOLAR 1 INTERCONNECTION PROJECT (DOE/EA-2098)

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.

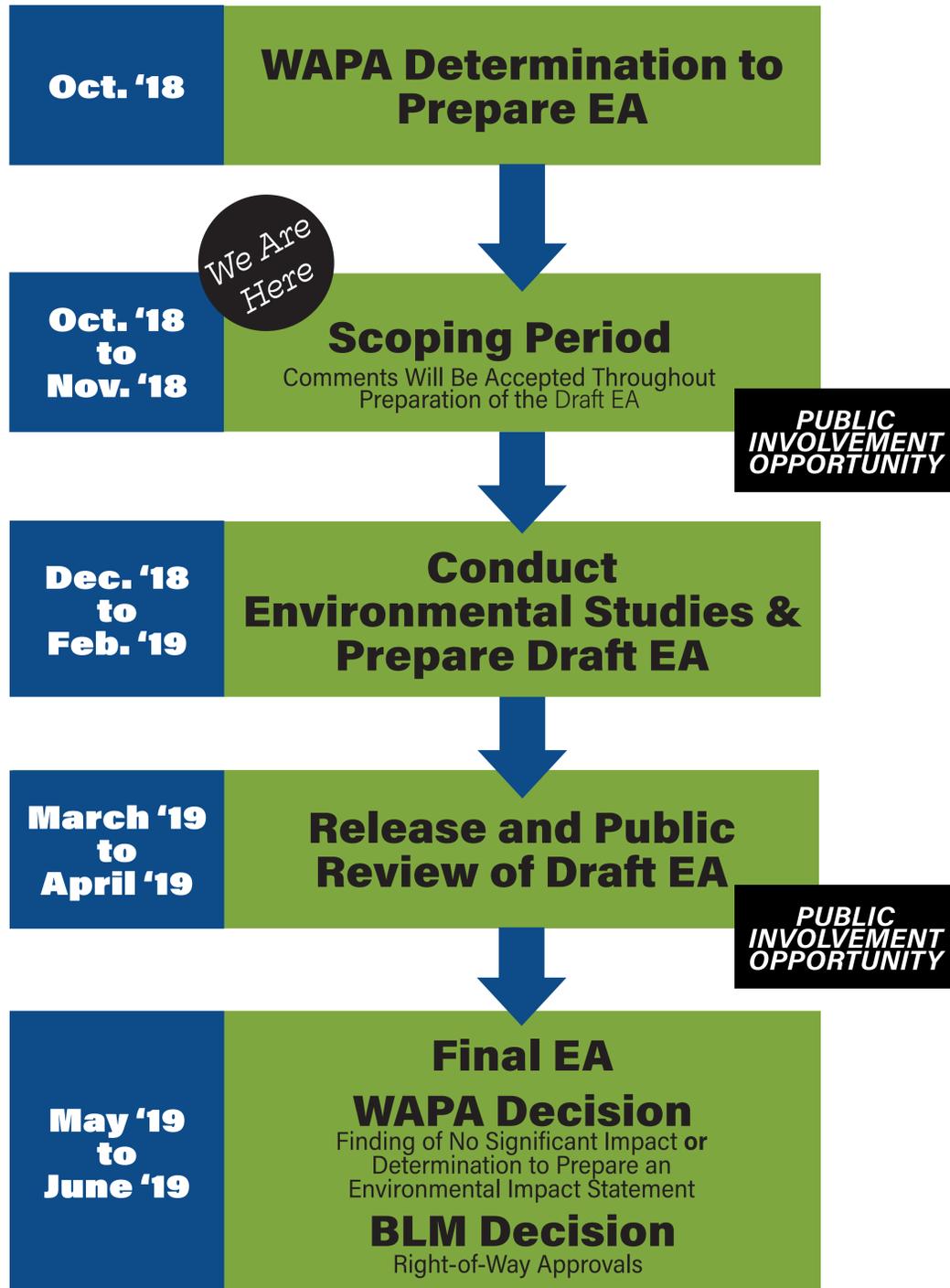
## PRELIMINARY SOLAR ARRAY OPTIONS



# PUBLIC INVOLVEMENT DURING SCOPING

ARIZONA SOLAR 1 INTERCONNECTION PROJECT (DOE/EA-2098)

## THE NEPA PROCESS



## 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

## 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.

- Aesthetics and Visual Resources
- Agriculture
- Air Quality
- Climate Change
- Cultural Resources and Historic Properties
- Geology, Soils, and Mineral Resources
- Hazardous Materials
- Intentional Destructive Acts
- Land Use
- Native American Religious Concerns
- Native Habitat
- Noise and Sensitive Receptors
- Public Health and Safety
- Recreation
- Socioeconomics and Environmental Justice
- Special-Status Species (Wildlife and Plants)
- Transportation
- Water Resources (Floodplains, Waters of the US & Wetlands)

## 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