

# Overview

## Facility Overview

The Obed Meadow Solar Project (Project) is a planned 200-megawatt solar power generation facility and 2.5 mile 230-kilovolt (kV) generation tie electric transmission line (gen-tie line) with an optional battery energy storage system and additional associated facilities near Joseph City, Arizona.

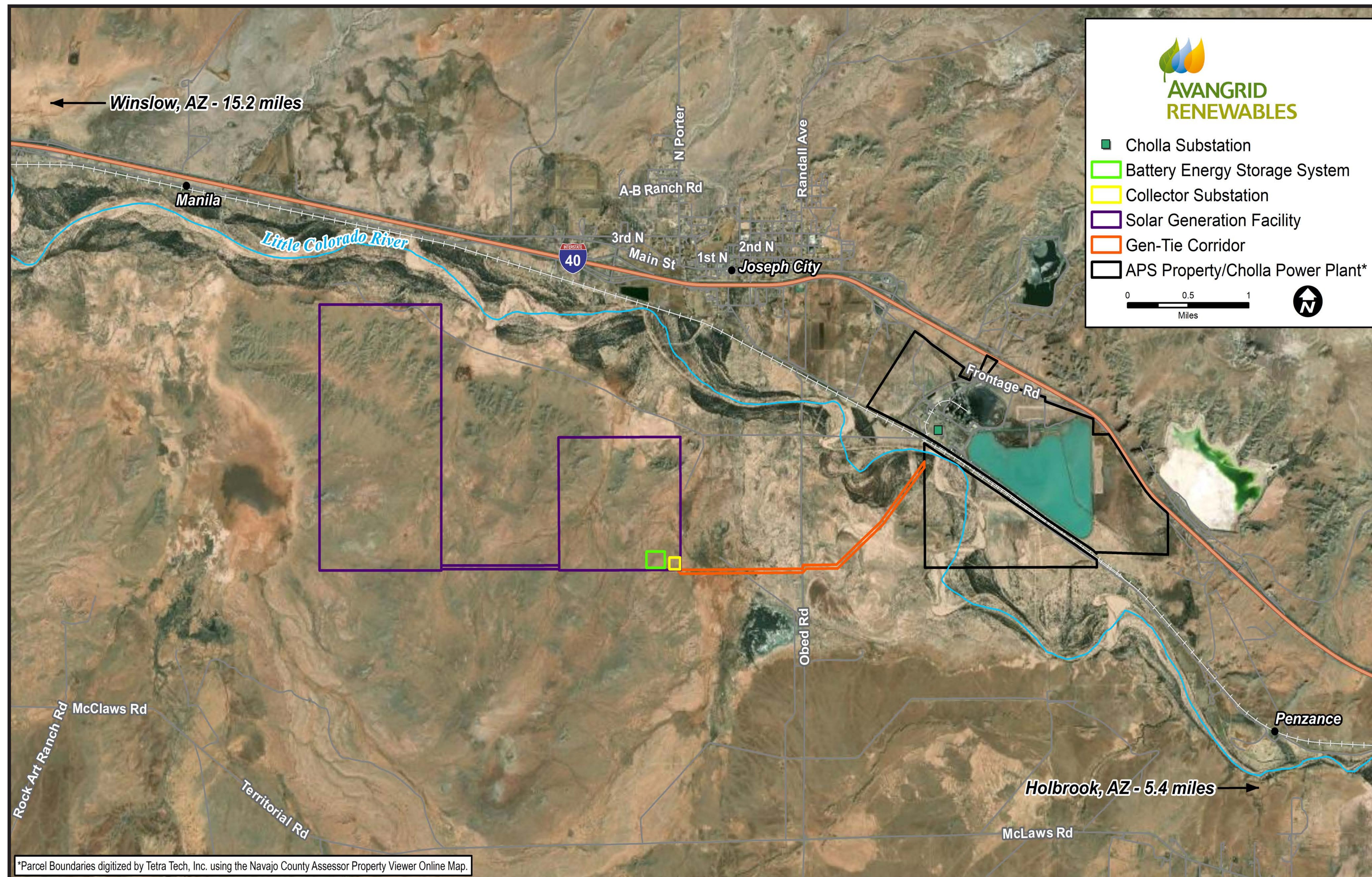


## Anticipated Milestone Schedule



# Project Location

## Location Map



## Site Photo

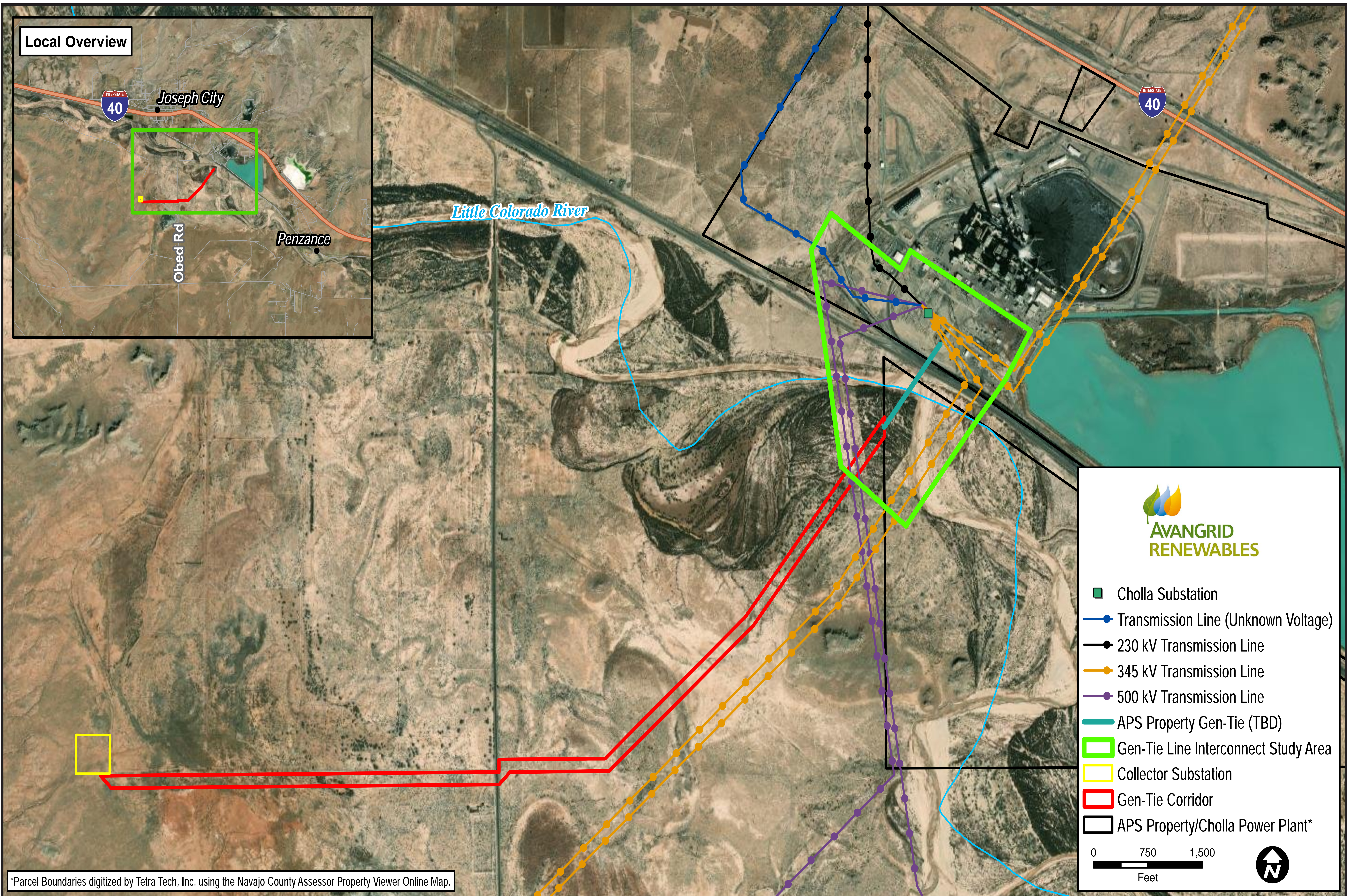


The Project will be sited 1 mile south of Joseph City in Navajo County on approximately 1,965 acres of privately owned land. The Project has been permitted by Navajo County.

Attributes of the site are ideal for the Project, including its proximity to existing electric infrastructure. The Project will interconnect with the power grid at Arizona Public Service's Cholla Substation via a 2.5-mile, 230-kV gen-tie line. A hearing for approval of the gen-tie line is scheduled before Arizona's Transmission Line Siting Committee for Aug. 7 - 11, 2023.

# Generation Tie Line

## Location Map



The 2.5-mile gen-tie line will be above ground and will be supported by steel monopole structures up to 100-feet in height. This is consistent with other transmission infrastructure in the area.

The gen-tie line will proceed east from the Obed Meadow Solar facility toward Arizona Public Service's Cholla Substation, and will interconnect with the grid at a yet to be determined location.

# Project Permitting

## Permits

We are committed to working with the State of Arizona and Navajo County to obtain the necessary permits prior to starting construction.

Jurisdictions and Agencies	Permits Required
Arizona Corporation Commission Transmission Line Siting Committee	<ul style="list-style-type: none"><li>• Certificate of Environmental Compatibility</li></ul>
Arizona Department of Transportation	<ul style="list-style-type: none"><li>• Encroachment Permit</li><li>• Class C Oversize/Overweight Permit</li></ul>
Arizona Department of Environmental Quality	<ul style="list-style-type: none"><li>• National Pollution Discharge Elimination System Permit</li></ul>
Navajo County, AZ	<ul style="list-style-type: none"><li>• Special Use Permit (approved Sept. 13, 2022)</li><li>• Floodplain Permit</li><li>• Commercial Right-of-Way Permit</li><li>• Commercial Building Permits</li></ul>

# Project Benefits

## Anticipated Benefits

Our Project, and solar power generation facilities in general, will come with a wide range of benefits for the Joseph City community.

### Tax Revenue



Benefits County  
Operations, Schools,  
Water Districts,  
and Fire Protection

### New Jobs



350 - 400  
Construction Jobs  
3 Permanent Jobs

### Community Benefits



Improved Air &  
Water Quality  
No Odors or Noise  
Minimal Water Use

# Project Safety & Decommissioning



## Safety

- Solar power generation facilities and associated infrastructure, including gen tie lines, are very safe and have a low risk of fire or environmental contamination.
- We coordinate with local emergency responders to further reduce risks associated with the Project construction and operation.
- We operate a comprehensive health and safety program, which helps ensure emergency contingency plans and strategies are well understood, and which dictates elements of facility design and employee training.

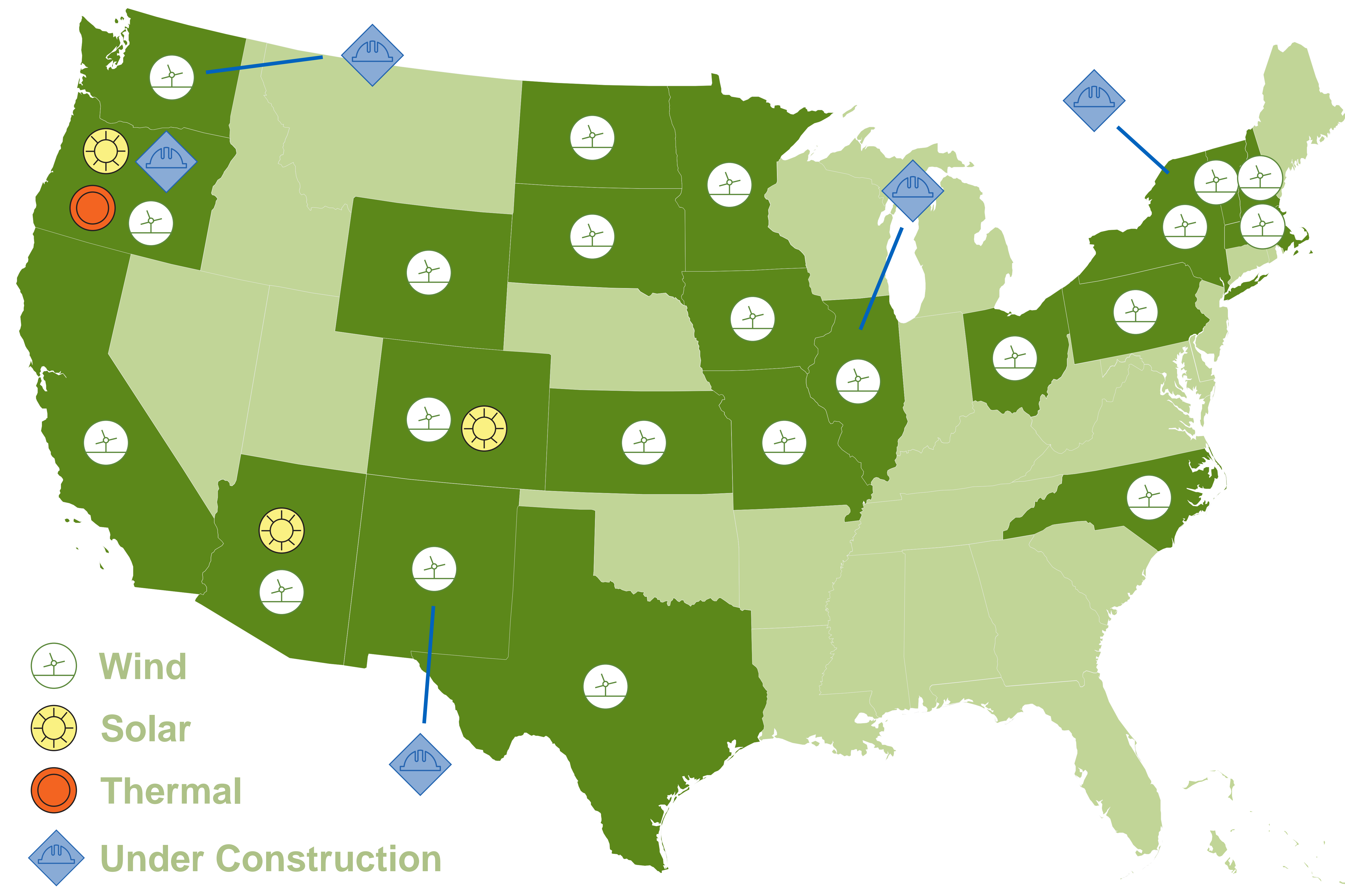
## Decommissioning

- At the end of the Project's commercial operation, we may remove above-ground and underground Project components, including:
  - solar arrays,
  - inverters,
  - transformers,
  - transmission structures, cabling and collection systems,
  - and other associated facilities.
- Once components are removed, we restore properties by rehabilitating soil and reseedling the area to promote revegetation with native plants.

# About Avangrid Renewables

Avangrid Renewables is one of the largest renewable energy operators in the United States, with about 8 gigawatts (GW) of owned and controlled wind and solar generation in 22 states.

Avangrid, Inc., (NYSE: AGR) is a diversified energy and utility company with \$38 billion in assets and operations in 24 states.



## Wind and Solar Facilities Under Construction

Wind Facilities Under Construction **512 MW**

Oregon 223 MW

New York 91 MW

Washington 153 MW

Ohio 45 MW

Solar Facilities Under Construction **386 MW**

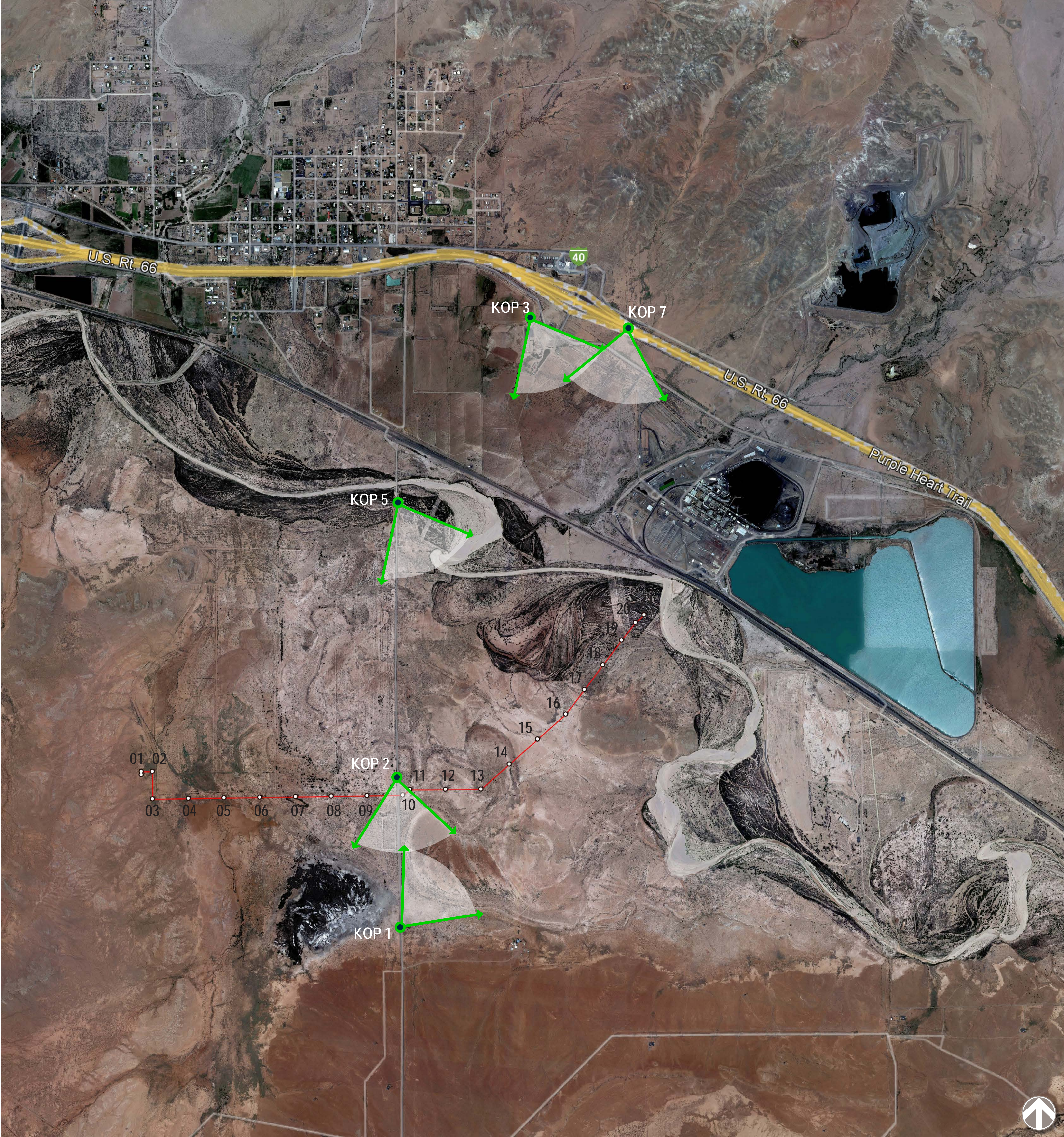
Oregon 200 MW

New York 80 MW

Illinois 106 MW

# Gen Tie Simulations

## Key Observation Points (KOPs)



## KOP 1



Existing Condition

07/11/2022 3,560' to closest pole



Simulated Condition

07/11/2022 3,560' to closest pole



# Gen Tie Simulations

## KOP 2



## KOP 3



The structures highlighted in yellow are obscured by vegetation, existing structures and/or topography.

# Gen Tie Simulations

## KOP 5



## KOP 7

