



# Delivering Clean Energy

*for the Future of the West*





# SunZia Southwest Transmission Project

## Water and Natural Resources Committee

Third Meeting

November 9,  
2020





# Project Summary

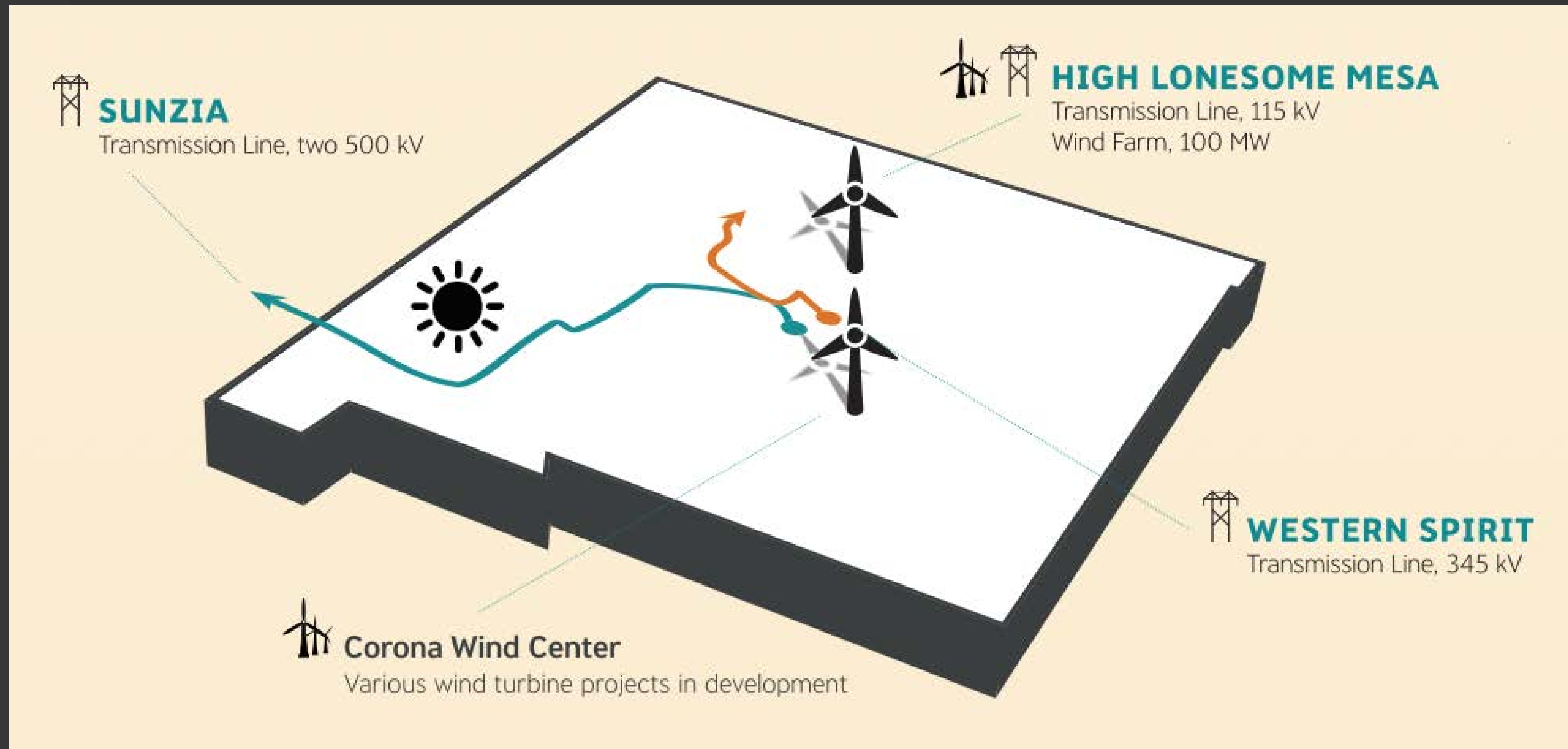
- **Two Renewable Energy Transmission Lines:**  
520 miles (315 miles in New Mexico), 500kV capacity
- **Anticipated Operation Date:** 2023
- **Anchor Tenant:** Pattern Energy Group 2 LP Development  
When completed the current SunZia Transmission Line will carry wind generated power from Pattern Energy's Corona Wind Center to Western power markets. For more information about Pattern Energy, please visit <https://patternenergynewmexico.com>.





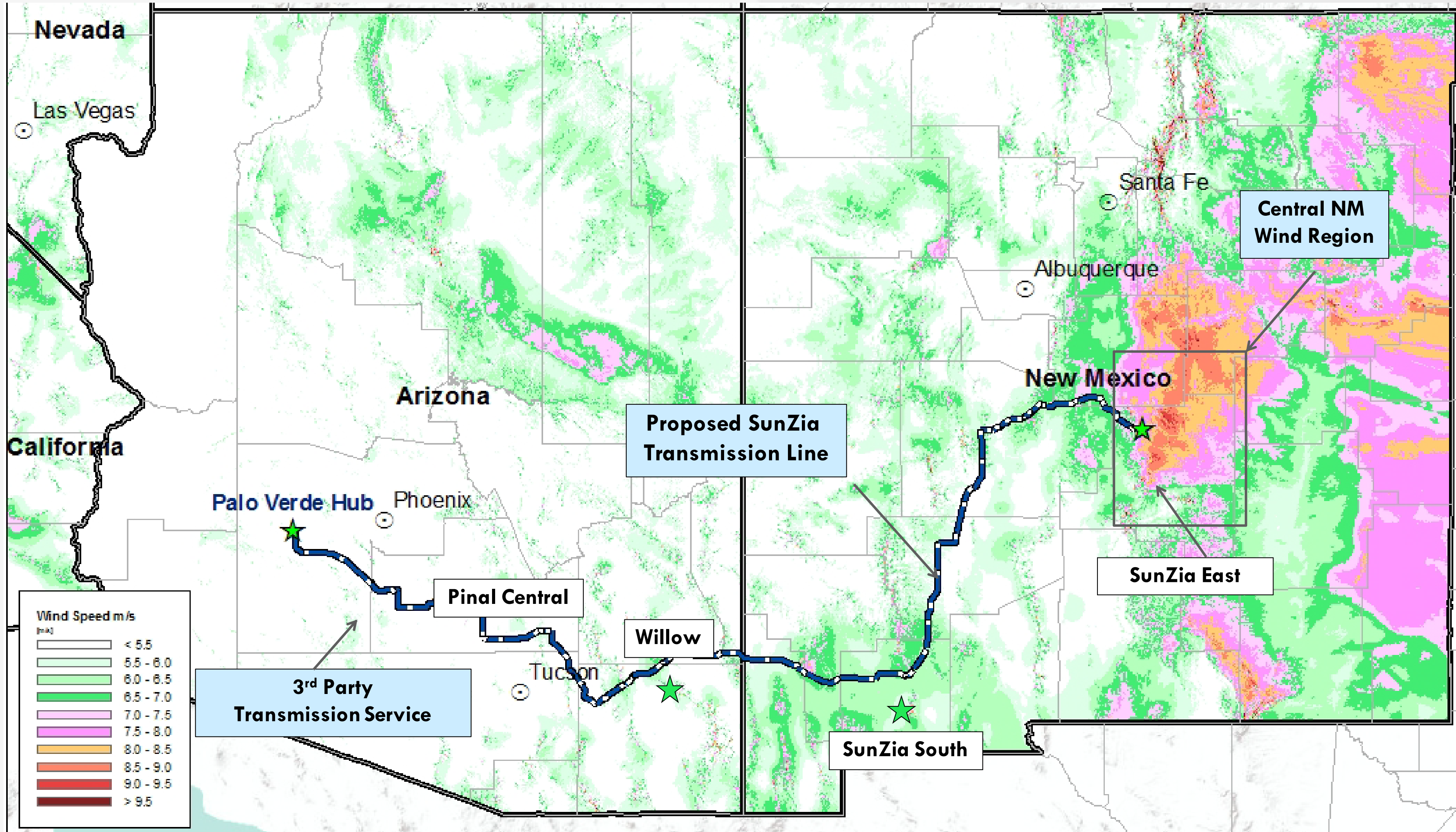


# SunZia Southwestern Transmission





# SunZia: 500kV Project delivering NM Wind to the Palo Verde Hub





# Exhibit B Right-of-Way Grant NM - 114438

## SunZia Southwest Transmission Project

Map 1 of 3



### SunZia Southwest Transmission Project Features

#### 500 kV Transmission Line Right-of-Way

- Route Group 1
- Route Group 3
- Route Group 4

- Proposed SunZia 500 kV Substation Site
- Other 500 kV Substation
- Mitigation Proposal Segment (buried transmission line)

#### General Reference Features

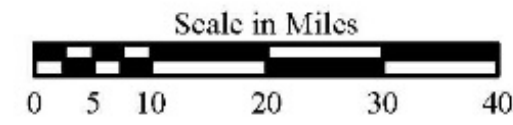
- City
- State Highway
- U.S. Highway
- Interstate
- Lake/Reservoir

### Land Ownership

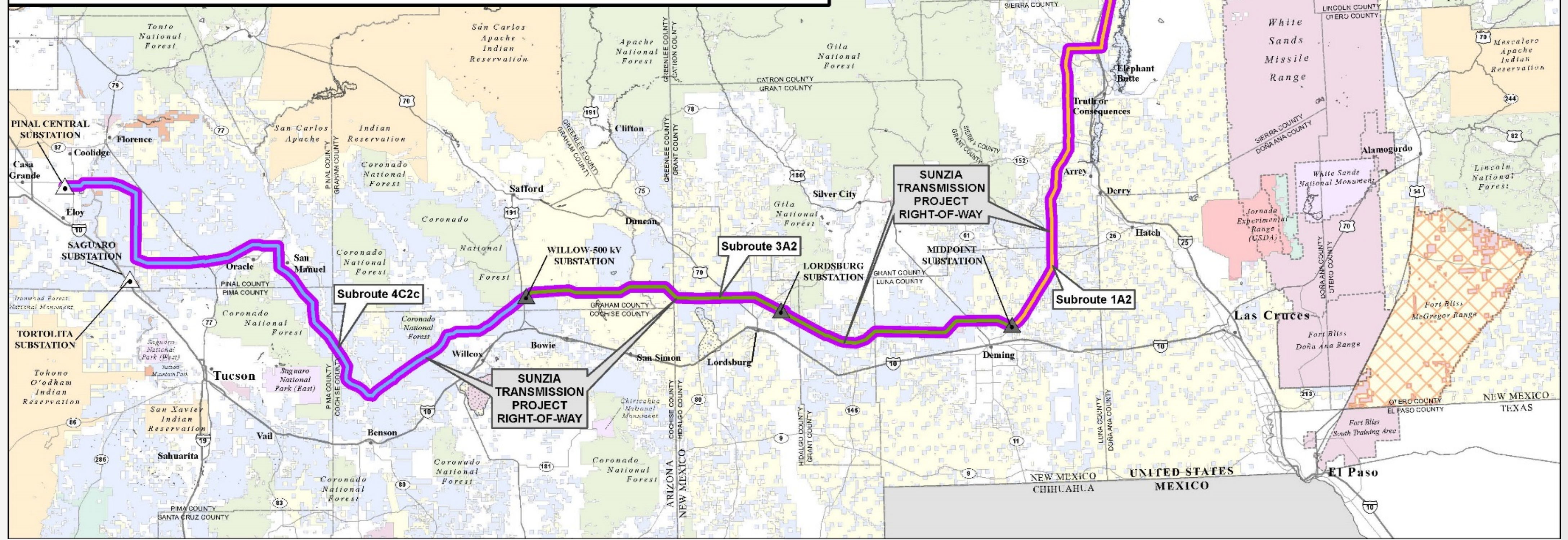
- Bureau of Land Management
- U.S. Department of Defense
- McGregor Range Withdrawal
- National Park Service
- U.S. Forest Service
- U.S. Fish and Wildlife Service
- U.S. Bureau of Reclamation
- Federal (Other)
- Indian Reservation
- State
- Private/Other

### Sources

Arizona Bureau of Land Management 2010  
 Arizona State Land Department and ALRIS 2010  
 New Mexico Bureau of Land Management 2013  
 Esri StreetMap 2010  
 Environmental Planning Group I.L.C. 2014



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# SunZia Southwestern Transmission

## Taking the Next Step in Renewable Energy Generation

SunZia transmission lines will carry 4,500 MW of clean energy

- enough to power approximately 1,000,000 southwest households; and
- eliminate the use of over 2,600,000 tons of coal





# SunZia Proposed Route Alternatives

Community  
Outreach &  
Coordination

State & County  
Support

WSMR

## White Sands Missile Range and SunZia Routing Coordination Efforts:

- After months of coordination between the Department of Defense and White Sands Missile Range, SunZia has elected to pursue a new location for a portion of the SunZia project in Socorro and Valencia Counties.
- Proposed route alternatives would remove SunZia transmission lines from the Northern Call Up Area which is utilized by White Sands Missile Range for very low-profile test missions related to our national defense.

Environment

## Environmental and Community Outreach:

- The SunZia team continues its ongoing outreach with local, state and national environmental and conservation groups.
- Our goal is to cross the Rio Grande at a location that results in as little environmental impact as is possible.
- As part of the federal environmental review process, we expect the BLM and other federal and state agencies to analyze impacts and mitigation of 500kV transmission line construction and operation through riverbeds and floodplains.

State & County

## State and County Support

- Please visit [www.sunzia.net](http://www.sunzia.net) and watch the video featuring Governor Michelle Lujan Grisham and U.S. Senator Martin Heinrich regarding SunZia and their efforts to build New Mexico's economy and transition to clean, renewable energy.
- On May 12, 2020, Socorro County adopted Resolution No. 2020-32 to support a route an alternative route outside WSMR Northern Call Up Area and an Aerial Rio Grande River Crossing to the north of Socorro County adjacent to the proposed Western Spirit transmission line.





# Development Activities

- In the recent New Mexico Legislative Session SunZia championed a bill, signed by the Governor, that will assist rural communities.
- The bill allows the state's counties to issue Industrial Revenue Bonds for electric transmission projects.



New Mexico Governor Michelle Lujan Grisham signing legislation to assist rural communities and the renewable energy industry





# NM RETA Study

- New Mexico renewable energy industry lacks sufficient electricity transmission
- Opportunity for up to \$11 Billion in private investment in New Mexico's renewable energy
- Investment in clean energy will create jobs in New Mexico
- SunZia has a MOU & Financing Agreement with RETA





# How Does SunZia Benefit My Community?

The SunZia project will benefit communities by providing:

- Construction jobs
- Full-time operations and maintenance jobs
- Part-time operations and maintenance jobs
- Many indirect effects such as the impact of buying local goods and services
- Tax revenue generated from this project



*Bill is one of many landowners our SunZia team works with in New Mexico and Arizona. Hear his story in our video on [SunZia.net](http://SunZia.net).*





# Environmental Outreach

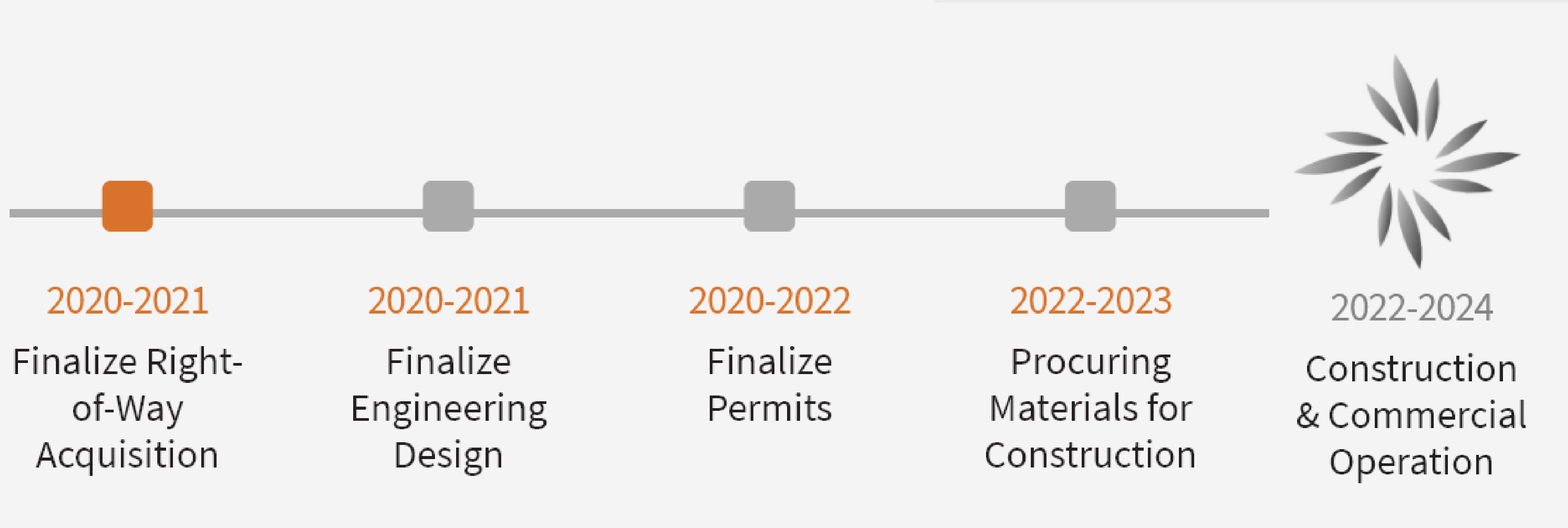
- The SunZia team continues its outreach efforts with local, state and national environmental and conservation groups, as well as maintaining an ongoing dialogue with New Mexico private landowners.
- Our goal is to cross the Rio Grande at a location that results in as little environmental impact as is possible.
- As part of the federal environmental review process, we expect that the Bureau of Land Management and other federal and state agencies will analyze the impacts and mitigation of overhead and underground 500 kilovolt transmission line construction and operation through riverbeds and floodplains.







# Our Next Milestones







John Ryan  
Executive Director of  
SunZia New Mexico



Leon Porter  
Project Development  
New Mexico



Lorelee Hunt  
Project Development/  
Legal Council



Delanie Crist  
Administrative  
Director





John Ryan

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