DOCKETED

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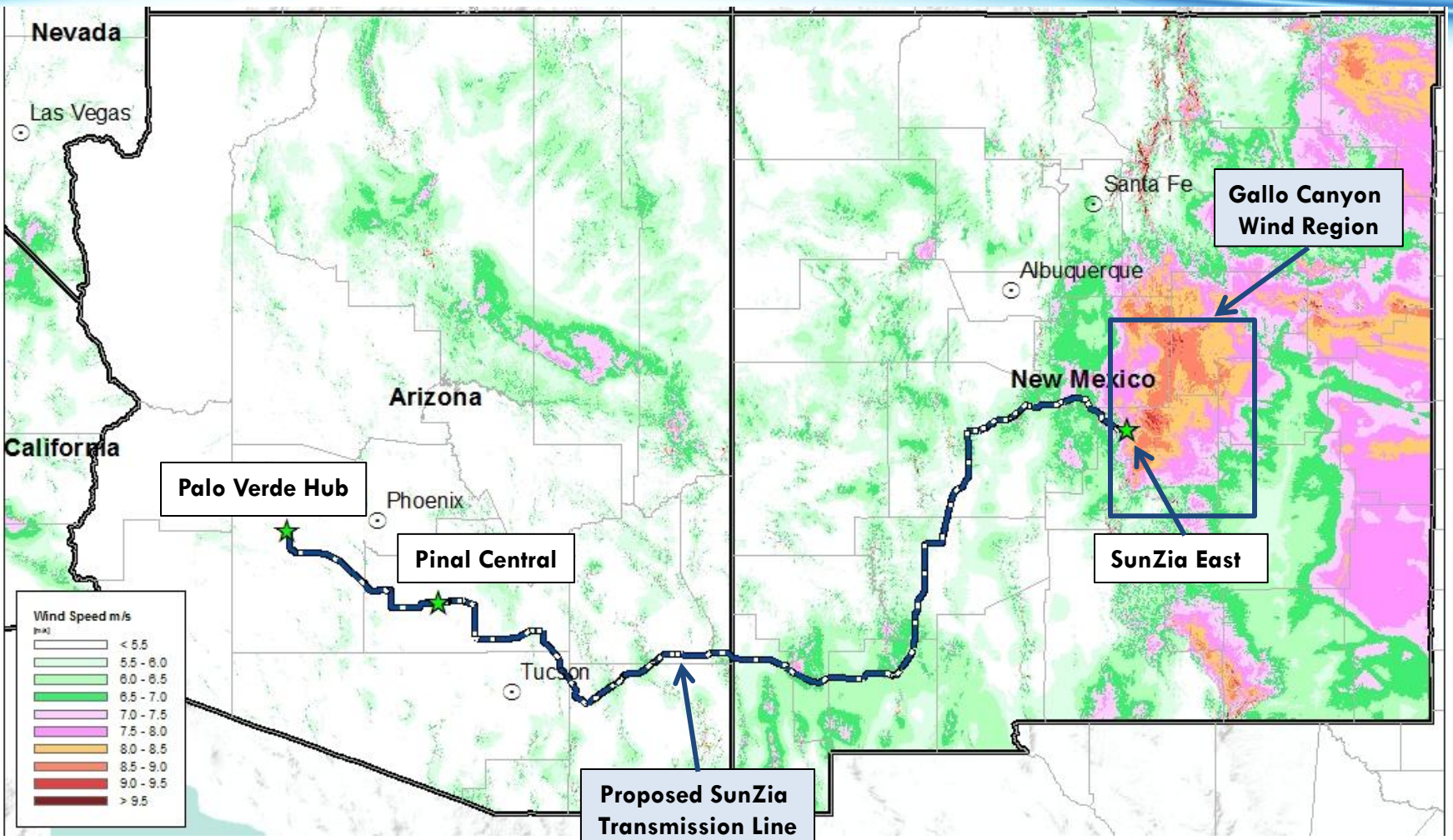
SunZia Southwest
Transmission Project

RETI 2.0
Transmission Technical Input Group

January 22, 2016 Workshop

SunZia: 500kV Project delivering NM Wind to Palo Verde



SunZia Project Summary

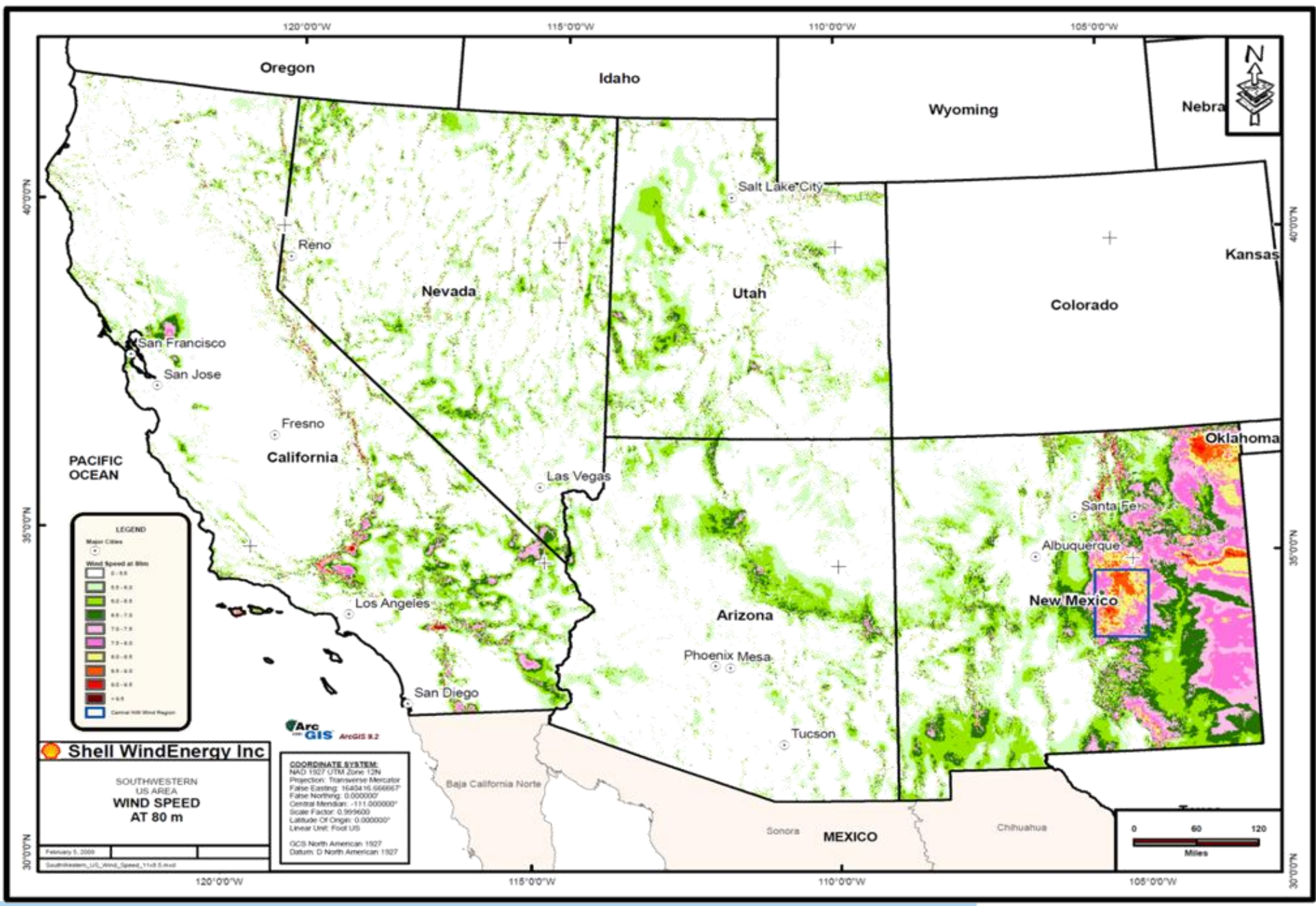
- 515 miles, 2 single-circuits, 500kV project, from new SunZia East to existing Pinal Central substations (2 x AC or AC + DC)
- Obtain transmission service over the existing system from Pinal Central to Palo Verde (or Westwing)
- WECC 3-phase rating of 3,000 MW (East to West, 2 x AC)
- Capital cost estimated at $2 billion over 30 months (2 x AC)
- Permitting began in 2008. Record of Decision issued by BLM in January 2015. AZ state permit expected in Feb 2016.
- Financial Close expected in 2018 with COD in 2020/2021, subject to commercial arrangements

Major Project Participants

- SouthWestern Power Group (SWPG) is the developer and project manager
- MMR Group, a large, private construction services firm owns SWPG and is the majority owner of SunZia
- 3 utility partners hold small interests: Salt River Project, Tucson Electric Power and Tri-State Generation & Transmission
- SunZia has a letter of intent with SunEdison as anchor tenant for 1,500 MW of capacity
- SunEdison (formerly First Wind Energy) is developing the 1,500 MW Gallo Canyon wind project near SunZia East

Rights of Way (ROW) is 36% Complete

- **4 types of landowners over 515 miles:**
  - ~ BLM (184 miles or 36%)
  - ~ AZ State Trust (130 miles or 25%)
  - ~ NM State Trust (89 miles or 17%)
  - ~ Private (111 miles or 22%)
- **BLM ROW Grant in-hand, expect to sign in March 2016**
- **Have commenced discussions with AZ State Land Department and NM State Land Office**
- **Have identified all private landowners (~ 130) and have commenced discussions**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Idaho
Wyoming
Nebra
Salt Lake City
Reno
Nevada
Utah
Colorado
Kansas
San Francisco
San Jose
Fresno
California
PACIFIC OCEAN
Las Vegas
Oklahoma
Santa Fe
Albuquerque
New Mexico
Arizona
Los Angeles
Phoenix Mesa
San Diego
Tucson
Baja California Norte
Sonora
MEXICO
Chihuahua
LEGEND
Major Cities
Wind Speed at 80m
Shell WindEnergy Inc
SOUTHWESTERN
US AREA
WIND SPEED
AT 80 m
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GCS North American 1927
Datum: D North American 1927
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120
Miles
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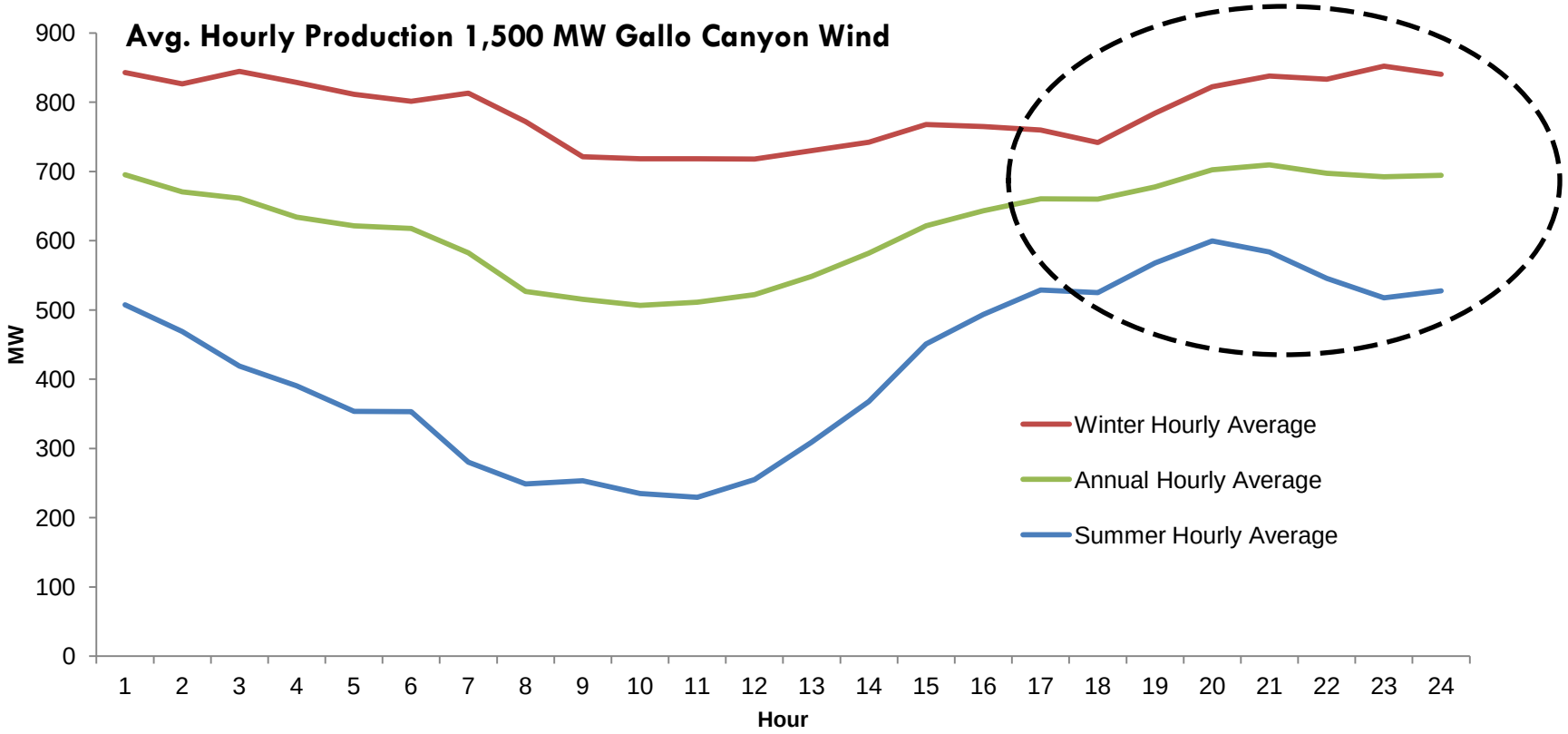
115°0'0"W
110°0'0"W
105°0'0"W
40.0.0"N
35.0.0"N
30.0.0"N

NM Wind Profile Offers Diversity (Gallo Canyon Example Shown)

NM Wind Profile Ramps Up in Critical Evening Hours



New Mexico Wind Resource

- **New Mexico's wind resource proximate to SunZia's eastern terminus is among the highest quality wind energy resource in the West.**
  - Expected capacity factors are in the mid-40% with some areas exceeding 50%.
- **The Western Governors' Association has estimated there is in excess of 10,000 MWs of developable wind energy in this area of New Mexico (NM_EA).**
- **The New Mexico wind resource is the best and geographically-closest wind to the markets of California and Arizona.**
- **The New Mexico wind resource typically picks up in the late afternoon and thus is complimentary/supportive of declining solar PV production (i.e., helps resolve the Duck Curve problem).**

For more project information, please visit:

www.sunzia.net

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Supplemental Slides

SouthWestern Power Group

- **Independent developer of utility-scale generation and transmission in the Desert Southwest**
- **Project Manager/Developer of SunZia**
- **Based in Phoenix, staff of ten: 200 man-years of experience, in business for 15 yrs**
- **Major References:**
  - 2,400 MW CCGT Panda Gila River power plant (in operation)
  - 1,000 MW CCGT Bowie Power Station (permitted)
  - 600 MW Lignite CFB Rockdale Power Plant (in operation)
  - 200 MW (DC) Campo Verde Solar PV power project (in operation)
- **Owned by MMR Group in Baton Rouge, LA**

MMR Group

- Construction services firm based in Baton Rouge, LA
- 22 offices in USA, Canada & overseas
- In business +25 years; owned by senior management
- Approximately 5,000 employees
- One of the largest electrical contractors in the US
- Industrial markets only: power, oil & gas, process, etc.
- Built over 30,000 MWs of generation

Record of Decision Alignment