



NEW MEXICO

RETA

renewable energy transmission authority

Science and Technology Committee

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State Transmission Authorities

- RETA was statutorily created in 2007 to start addressing transmission issues in the State
- Eight state-level authorities: NM, CO, WY, KS, ND, UT, SD & ID
- Tasked with planning and financing of transmission lines within their respective states
- RETA has the additional requirement that 30% of power has to be from renewable sources

RETA Structure

- 8-member board:
 - 3 appointed by the Governor with consent of Senate
 - Robert Busch, Laura Sanchez, Michael Emerson
 - 1 appointed by the Speaker of the House
 - Beatriz Rivera
 - 1 appointed by the President Pro Tem of the Senate
 - Randy Mitchell
 - State Treasurer or Designee
 - Mark Valdes
 - State Investment Officer or Designee
 - Steve Moise
 - EMNRD Cabinet Secretary (non-voting)
 - Secretary Jon Goldstein

Project Selection Policy

- ▶ Goal was to provide guidance to the Public, Board and Staff;
- ▶ Define levels of support by RETA;
 - Letter of Support
 - Memorandum of Understanding
 - Financial Assistance
- ▶ Define application criteria and evaluation procedures;
- ▶ Define bond sale policy;
- ▶ Define eminent domain policy;

Senate Memorial 44

- Senate Memorial 44 – Sponsored by Senator Timothy Keller
- RETA's responsibilities:
 - Develop a map and supporting documents identifying existing generation and transmission lines and renewable energy resource zones to support development
 - Coordinate with other agencies to prioritize regions with low or minimal land development conflicts
 - Identify and prioritize the best options for potential transmission corridors

Senate Memorial 44

➤ Next Steps

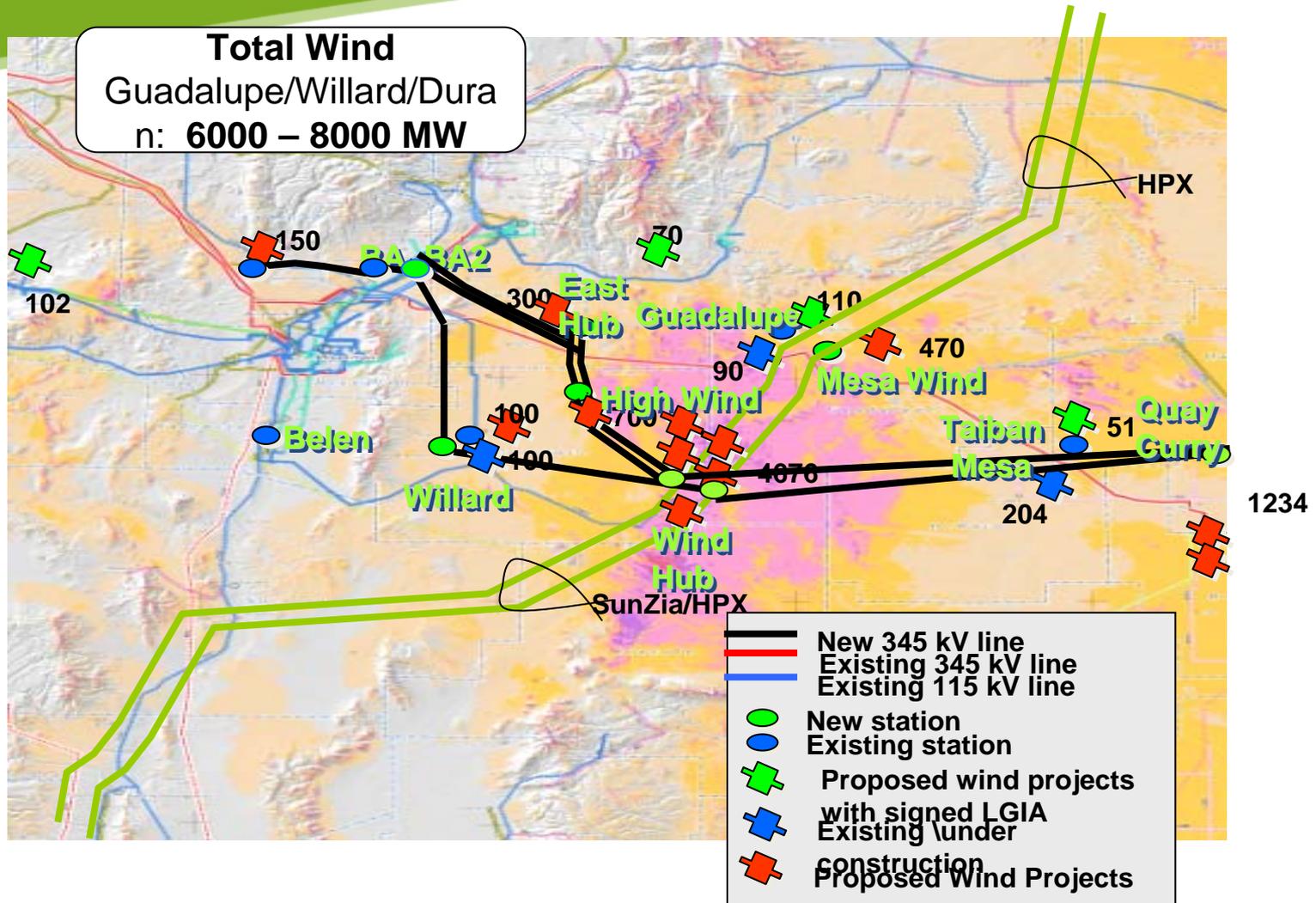
- Have a draft set of corridors and begin the public review and input phase
- Plan to update the report every 6-12 months as additional information becomes available
- Work with the Military Installations to minimize potential impacts on their missions
- Work with Counties to permit corridors
- Goal is to reduce time needed to site lines from years to months

Los Alamos National Labs Study

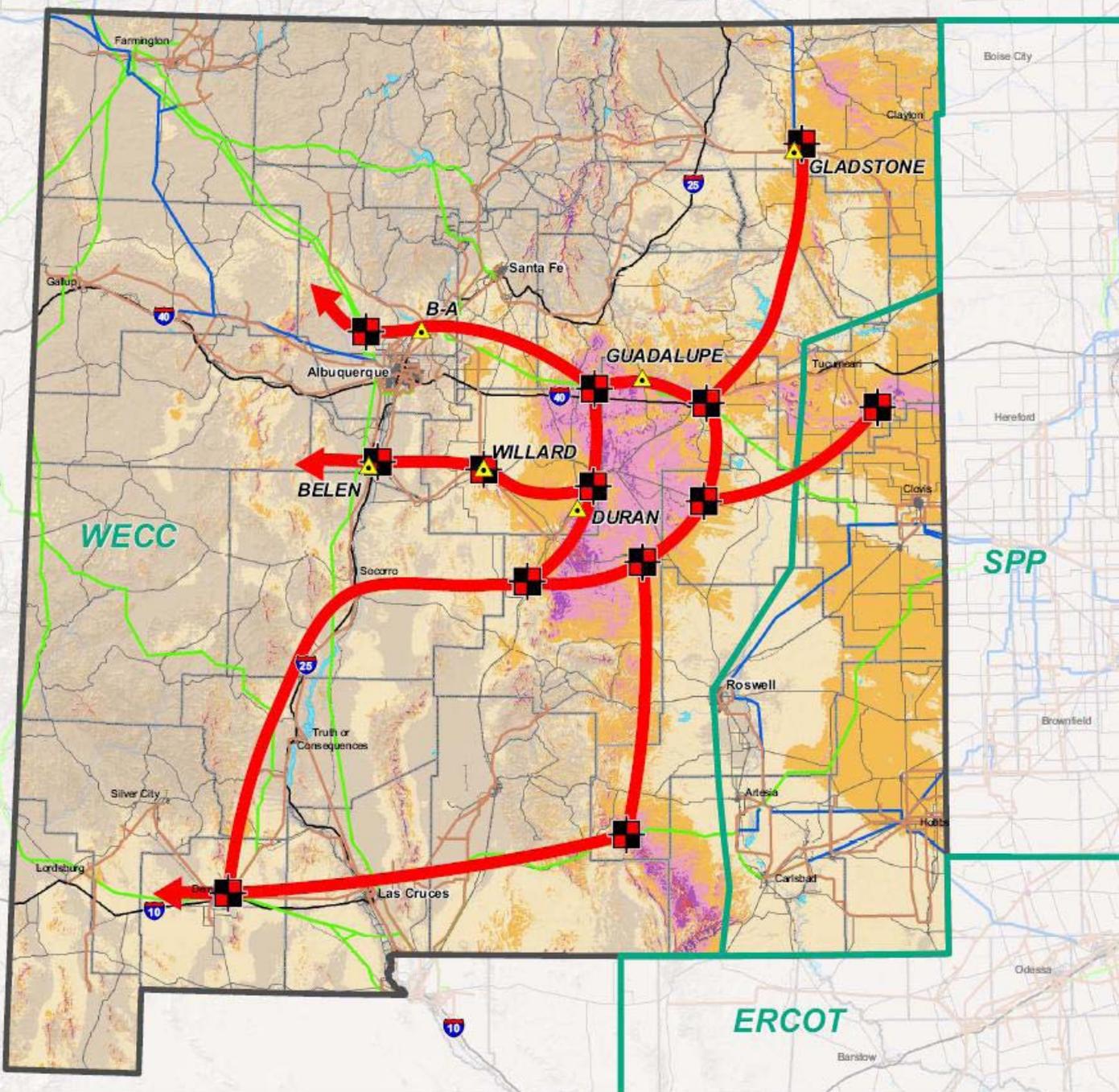
- Economic and Technical study
 - Looped vs. radial lines
 - Five and twenty year horizons
 - Economic analysis of varying levels of investment in renewables
 - Impact on gross receipts taxes
 - Impact on property taxes
 - Job creation
 - Cost recovery options

PNM Collector System

Integration with SunZia and HPX



New Mexico Collector System Concept

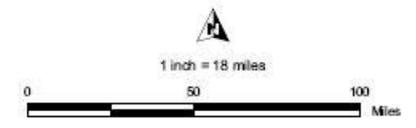


- Existing Substation
 - Conceptual Collector Station
 - Conceptual Collector Transmission Line
 - 345 kV Transmission Line
 - 230 kV Transmission Line
 - 115/138 kV Transmission Line
 - NERC Region Boundary
- Wind Resources**
- 1 - Poor (0.0 - 12.5)
 - 2 - Marginal (12.5 - 14.3)
 - 3 - Fair (14.3 - 15.7)
 - 4 - Good (15.7 - 16.8)
 - 5 - Excellent (16.8 - 17.9)
 - 6 - Outstanding (17.9 - 19.7)
 - 7 - Superb (> 19.7)

**PRELIMINARY AND CONCEPTUAL:
FOR DISCUSSION PURPOSES ONLY**

**DRAFT DEVELOPED BY:
SUNZIA SOUTHWEST
TRANSMISSION PROJECT**

Sources: BLM 2008, EPG, Inc. 2008, ESRI 2008, NREL 2008, USGS



RETA's First Bond Issue

- High Lonesome Mesa -100 MW wind farm in Torrance County
- Created approximately 200 construction related jobs and 10 permanent operation and maintenance jobs
- Total revenue projected over the life of the project is \$580 Million
 - Approximately \$19 million over 30 years for site leases to local land owners
 - Approximately \$14 million in Payments-in-Lieu-of-Taxes paid over 30 years to Torrance County and the Estancia Municipal Schools
- RETA will finance transmission upgrades of approximately \$65 million
- Expect to close on the bonds in the third quarter of this year

New Mexico Renewable Energy Transmission Authority

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