Cross-Tie Transmission Line Project

Nevada Regional Transmission Coordination Task Force

April 26, 2022
Who We Are

TransCanyon is an independent developer of electric transmission infrastructure for the western United States

- A 50/50 joint venture between subsidiaries of Pinnacle West Capital Corporation (PNW) and Berkshire Hathaway Energy (BHE)
- PNW is also the parent company to Arizona Public Service (APS), and BHE the parent company to PacifiCorp and NV Energy
- TransCanyon leverages the combined energy expertise and financial strength of PNW and BHE
  - U.S. $148 Billion in assets
  - 4.4 Million customers served
  - ~63,000 km of transmission lines owned and operated
- Focused on all project phases – development through ownership and operation
- Value collaboration to achieve success
Our team builds on the skills, resources and experience of its parent companies and utility affiliates across the western United States.
The Cross-Tie Transmission Line connects two strong systems; PacifiCorp and NV Energy.
Cross-Tie Regional Benefits

• Macro Benefits: Cross-Tie is a 214-mile 500kV AC network element with an estimate capital cost of $667M that provides a portfolio of benefits to the regional transmission system
  – Cross-Tie will increase transmission capacity between the PacifiCorp, NV Energy, CAISO and Idaho Power Balancing Areas

• Policy Benefits
  – Facilitates import of complementary renewable resources to California and Nevada including Wyoming wind
  – Facilitates export of renewable resources from California and Nevada to diverse load centers throughout the West

• Reliability Benefits
  – Low-cost investment to leverage existing system and increase regional reliability benefits
  – Improves contingency response during system disturbances (weather, fire, natural disasters)
  – Relieves congestion on the California-Oregon Intertie by providing flow relief and alternate transmission paths from the Northwest to Nevada

• Economic Benefits
  – Regional economic benefits from more efficient resource procurement and dispatch
  – Reduction of solar curtailment in California and Desert Southwest
  – EIM participants enjoy benefits of more transmission capacity to bid resources into neighboring markets
Figure 5.4-3: Transmission to Accommodate Out of State Wind

Potential Transmission Development Projects for Out-of-state Wind

- Sun Zia
- TransWest Express DC
- TransWest Express AC
- SWIP North
- Cross-tie
- Robinson to Harry Allen / Eldorado
- HVDC Wyoming to Tracy
- HVDC New Mexico to Lugo

Other Relevant Proposed Projects

- Boardman - Hemingway
- Colorado Power Pathway
- Greenlink Nevada
- Gateway Project

Existing Lines

- ON Line
- Desert Link
- Gateway Project Online
## Cross-Tie Timeline

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- TransCanyon filed Advisory Notice to PUCN and SF-299 to BLM

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