

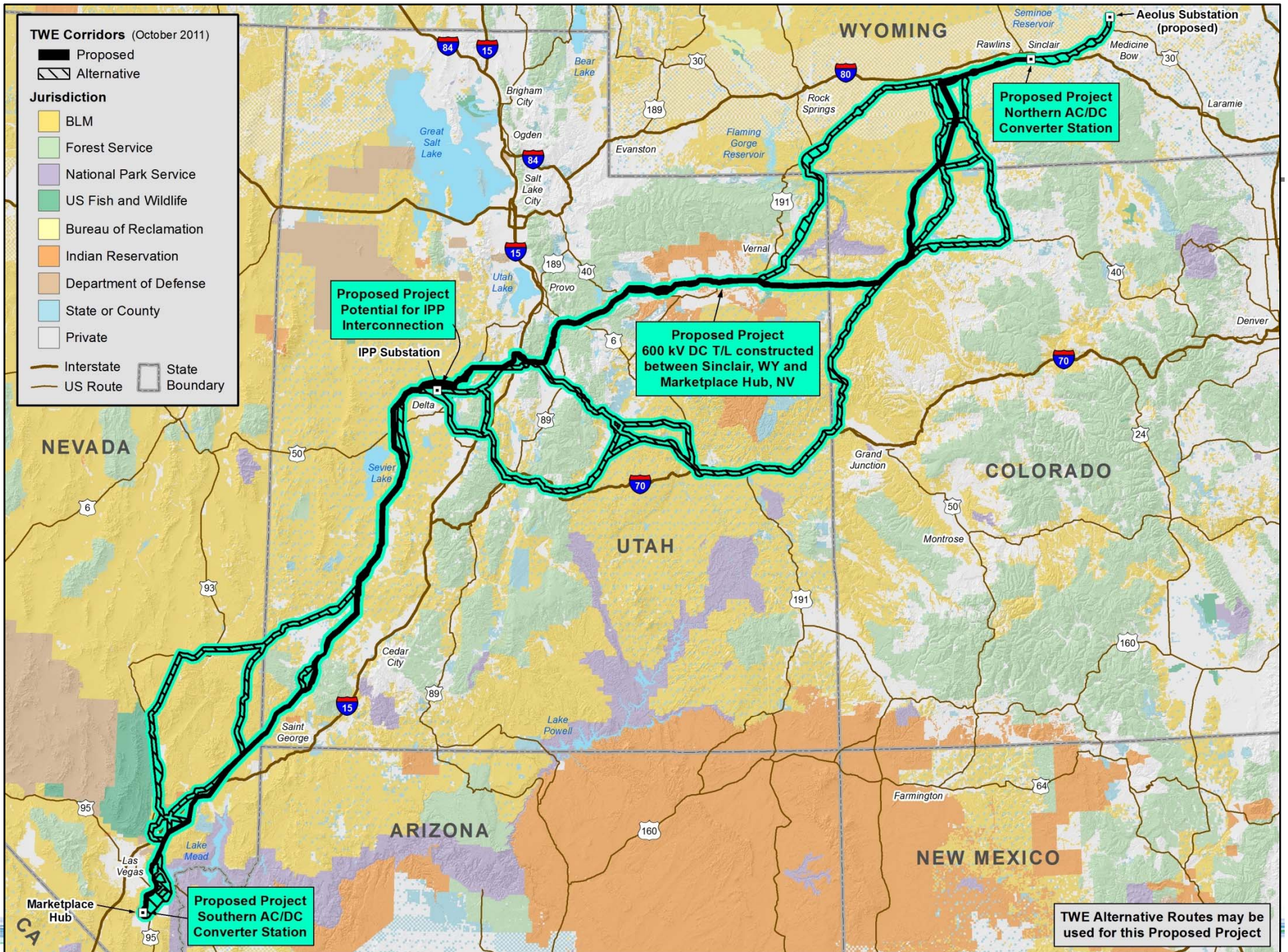
TransWest Express Project Update

WestConnect Planning Work Shop
Phoenix, AZ
November 16, 2011

TWE Project Summary

- 3,000 MW capacity
- 600 kV HVDC
- About 725 miles
- 2016 in-service date
- Capable of delivering reliable, cost-effective renewable energy from various Wyoming wind projects to the Desert Southwest

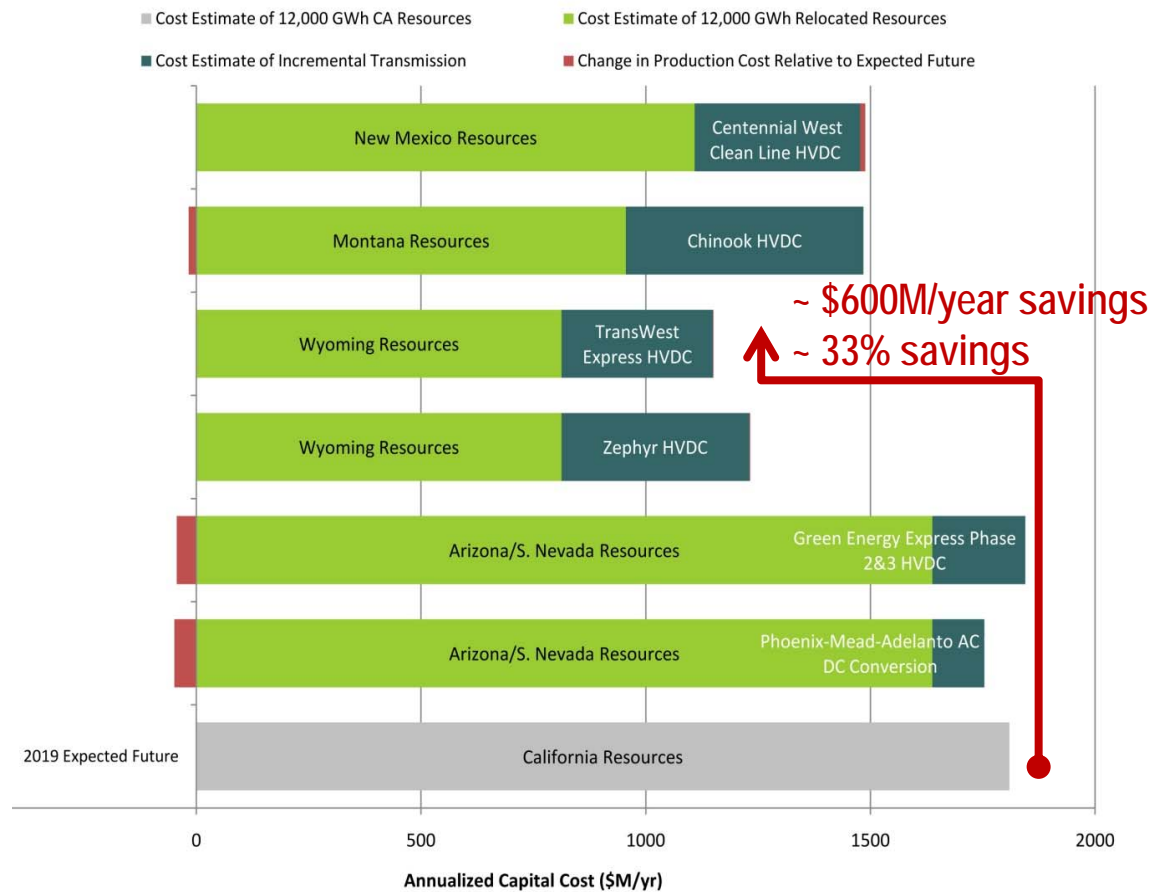




WECC 10-Year Regional Transmission Plan

- In September, WECC published the 10-year regional transmission plan
- Funded under a DOE grant
- Alternative Resource Location Analysis
- Focused on 20% of California incremental needs & plans only

Capital Cost Comparison of Potentially Cost-Effective Resource Relocation Alternatives with Large-Scale Transmission Expansion



From WECC 10-Year Regional Transmission Plan Summary



Western Joins TWE Project Development

- Western Area Power Administration has signed to jointly develop TWE Project
- Agreement splits development costs and allows Western the option to become 50% owner
- Western serves as joint lead for environmental analysis



New “Rapid Response Team” Support

- Obama Administration created “Renewable Energy Rapid Response Team” in June 2011
 - Chaired by DOI, DOE, CEQ; involves 10+ other federal agencies
- Team purpose:

“to improve federal coordination and ensure timely review of proposed renewable energy projects and transmission lines, to ensure that renewable energy can power cities and towns across America, and to increase reliability and save consumers money by modernizing the grid”
- TWE Project is one of just five transmission projects prioritized in the western U.S. to receive assistance and special focus from RRT
- Together, WECC 10 Year Plan results, Western participation and RRT selection demonstrate federal recognition of the TWE Project’s strong economic and environmental benefits

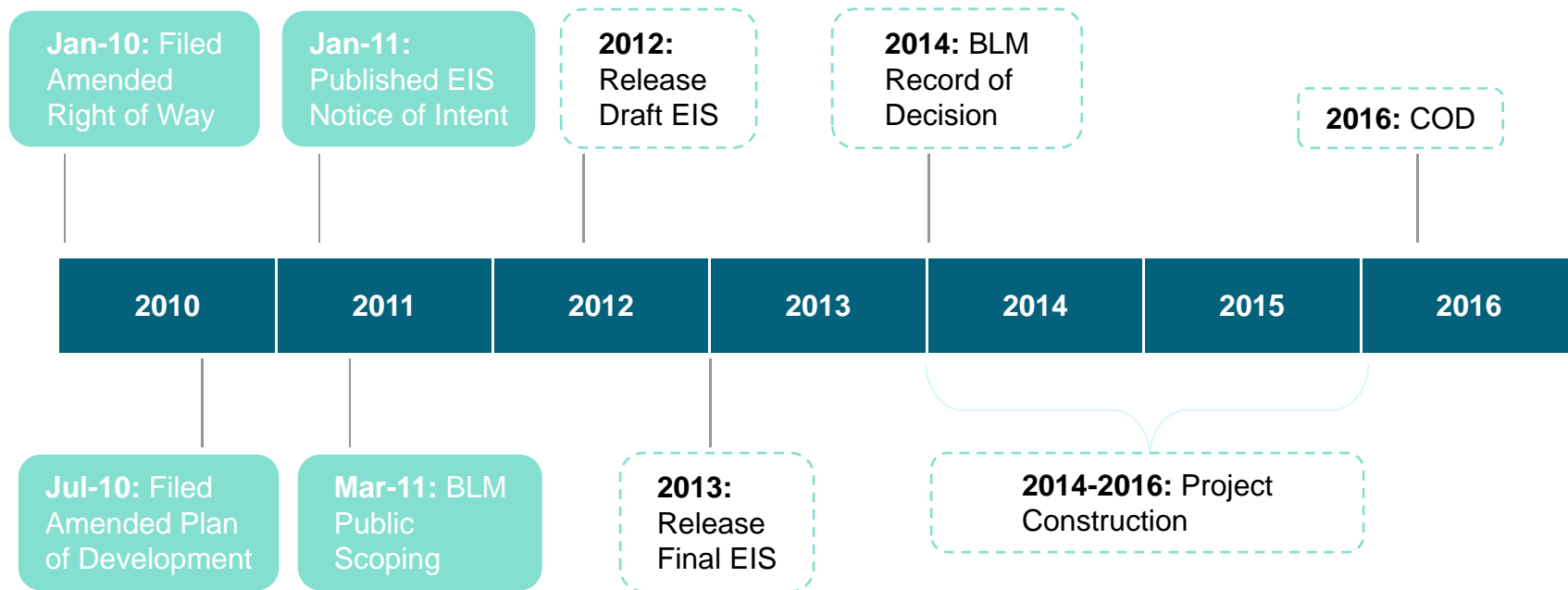


WECC Path Rating Process

- Phase I process completed in 2010
- Phase II process underway throughout 2011 and 2012
 - Various studies are underway and will be developed during 2012
 - Changes in Gateway Project Timing under review for TWE COD Case
 - Phase II Report to Path Review Group by 4Q 2012
- Interconnections planned to PacifiCorp and Western in Wyoming and to Eldorado Valley substations - Mead, Marketplace, Eldorado and McCullough in Nevada



Path to Commercial Operation



Completed Expected



More Information

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