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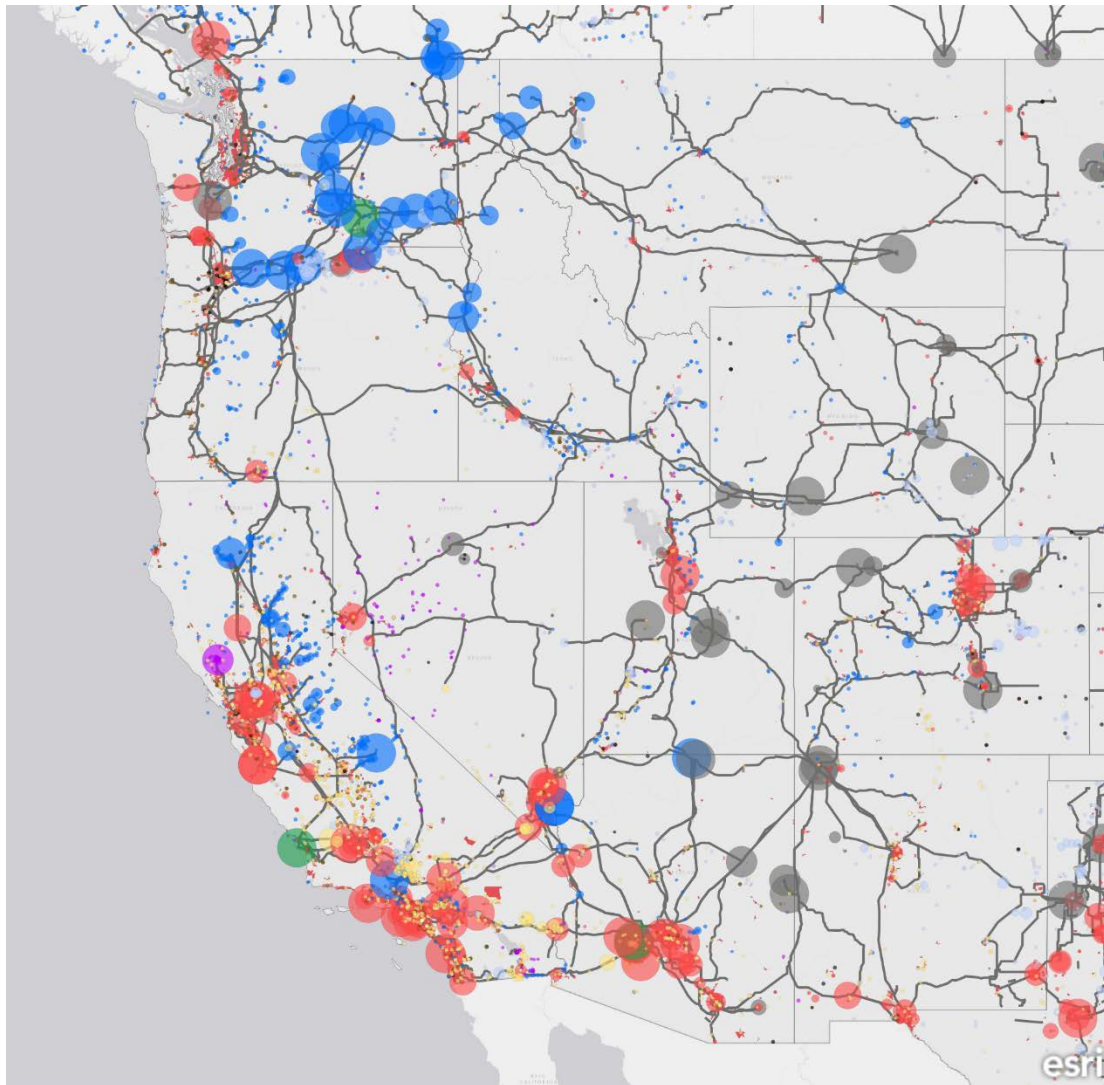
RETI 2.0 Western Outreach

Northwest Transmission Primer

Prepared by Energy Strategies
for WEIB and the Western Outreach Project
August 12, 2016



Western Generation, Load, and Transmission



U.S. Urban Areas

■ U.S. Urban Areas

Transmission Lines Operating

— Transmission Lines Operating

Power Plants

Fuel Type

- Solar
- Gas
- Water
- Wind
- Oil
- Biomass
- Coal
- Other Nonrenewable
- Geothermal
- Nuclear

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Proposed Focus Area List

1. In-state resources

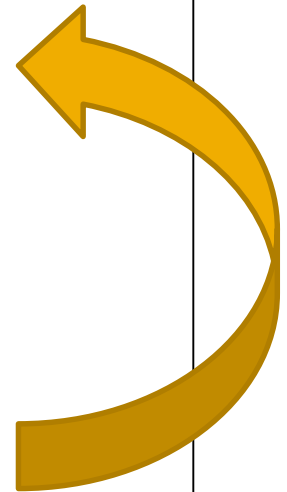
California Desert
Tehachapi
Victorville/Barstow
Riverside East
Imperial Valley
San Joaquin Valley
Modesto to Bakersfield
Northern California
Solano and East Bay
Sacramento River Valley
Lassen & Modoc

2. Import/Export Paths

Eldorado/Mead/Marketplace
Palo Verde/Delaney
California-Oregon Intertie
Central and Northern Sierra

3. Out-of-State Projects

WY and NM wind
NV and AZ solar
NV geothermal
NW wind and geothermal
OOS "Delivery" projects
OOS "Network" projects



California Public
Utilities Commission

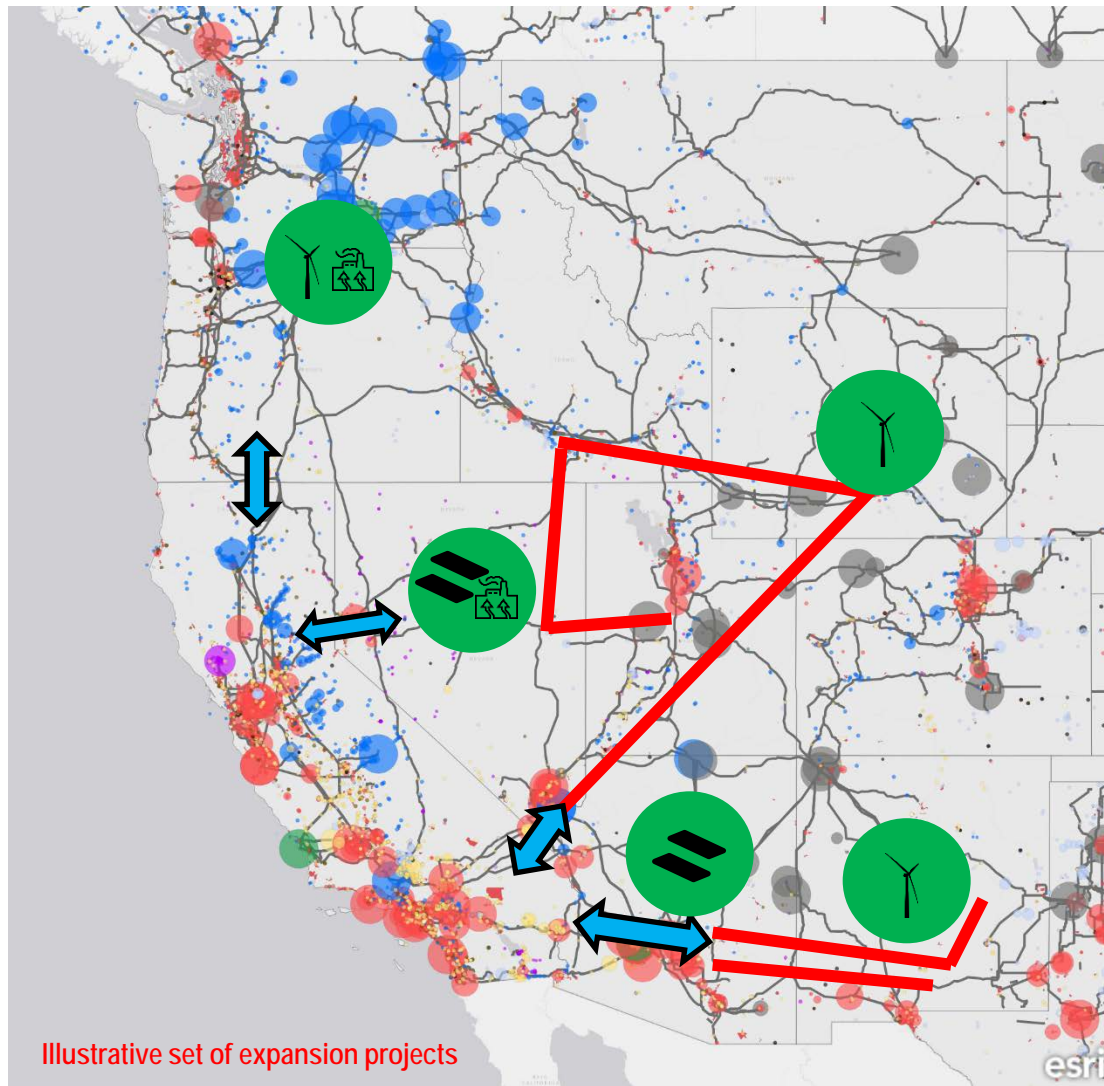


California Energy
Commission



California ISO

TAFAs: Out-of-State Resources, Projects and Import/Export Paths



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Long-term firm transmission availability is limited between the Northwest/Intermountain resource TAFAs and Import/Export Path TAFAs.

This lack of commercially available transmission capacity supports the commercial need for additional transmission infrastructure.

Thank You

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