

Transmission Update
Non Wires Roundtable
October, 2007

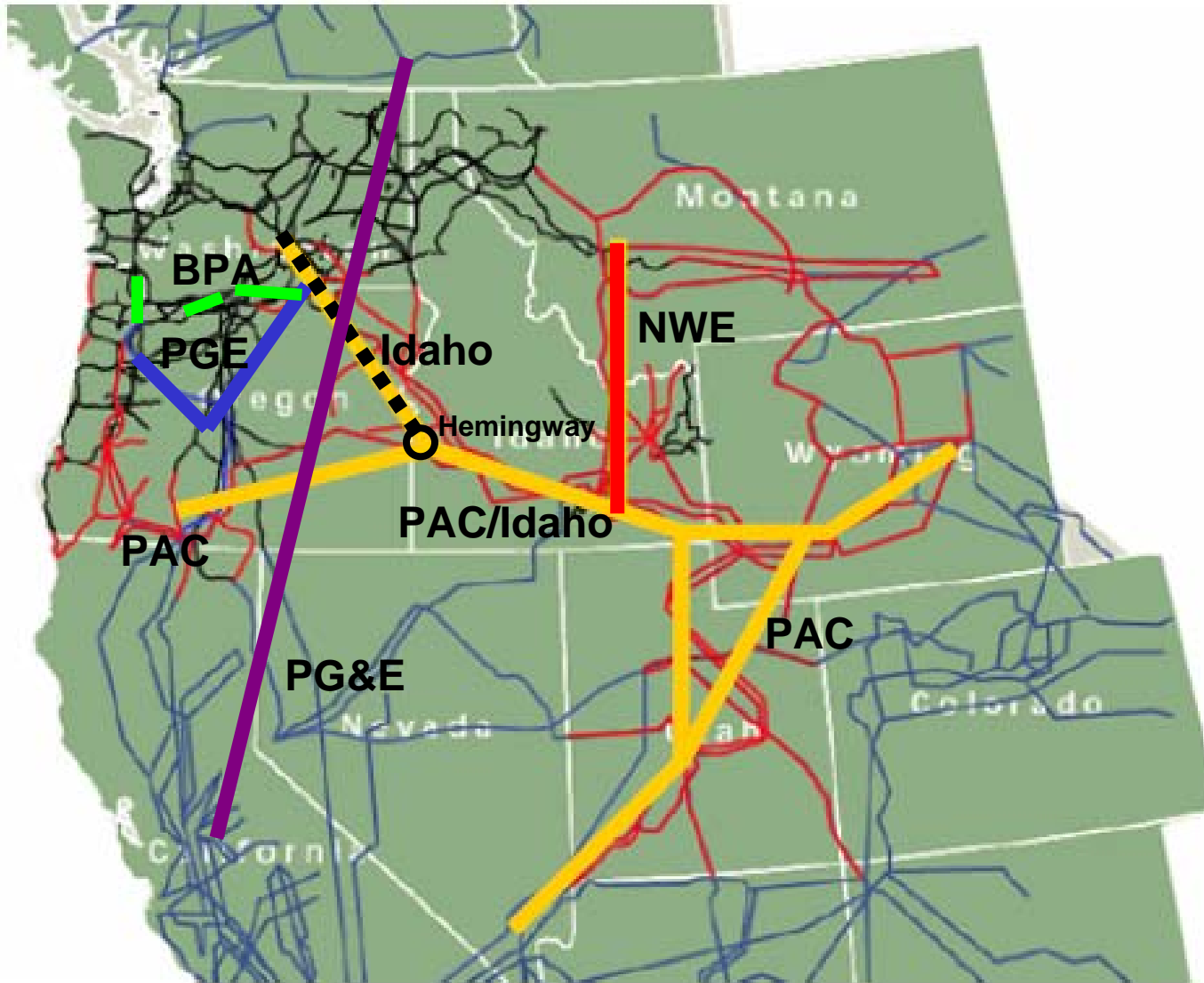
Olympic Peninsula

- Needed to meet N-2 performance during winter peak under the new Northwest Adequacy Guidelines
- Replace existing 14.5 miles of 115-kV single circuit from Olympia to Shelton with 230-kV double circuit
- Environmental Assessment underway
- Targeted energization: Fall, 2009
- Additional reinforcement needed around 2012
- Nonwires potential remains

South Oregon Coast

- Needed to prevent voltage instability during winter peak loads for N-1 outage.
- Installation of a Static Var Compensator at Rogue substation underway.
- Energization: Spring, 2009
- Additional reinforcement needed around 2014 – 2016
- Potential 115-kV interconnection between PacifiCorp N. California system and Coos-Curry system
- Potential ocean energy development on Oregon coast
- Nonwires potential remains

NW Transmission Expansion Plans

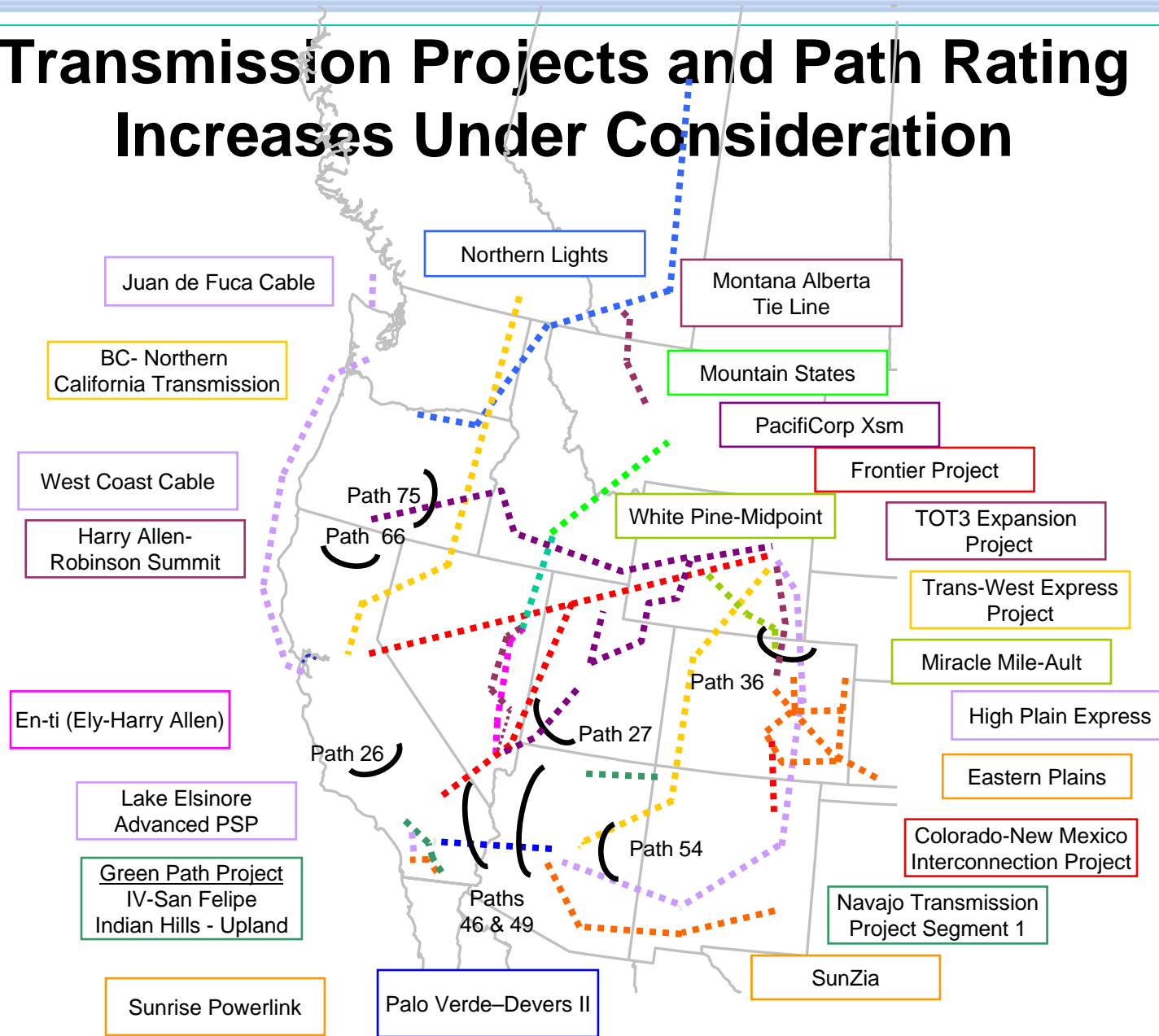


BPA Transmission Project Proposals

- McNary – John Day 500-kV
 - Identified in Northwest Wind Integration Action Plan
 - Supports wind diversity and access to high quality wind to the east
 - EIS completed in 2004. Supplemental Assessment needed.
- Big Eddy – Station Z 500-kV
 - Identified in Northwest Wind Integration Action Plan
 - Supports Portland load center
- I-5 Corridor 500-kV
 - Supports new generation in I-5 corridor
 - One of the “Congestion Areas of Concern” in the National Electric Congestion Study (August, 2006)

- All will be developed under BPA’s new Network Open Season business model

Transmission Projects and Path Rating Increases Under Consideration



Transmission Planning Coordination

- FERC Order 890 – Attachment K
- WECC – TEPPC
- Northwest
 - Columbia Grid
 - Conducting public review of BPA proposals
 - Complete first biennial plan in December, 2008
 - Northern Tier Transmission Group