

Transmission Customer Forum 42

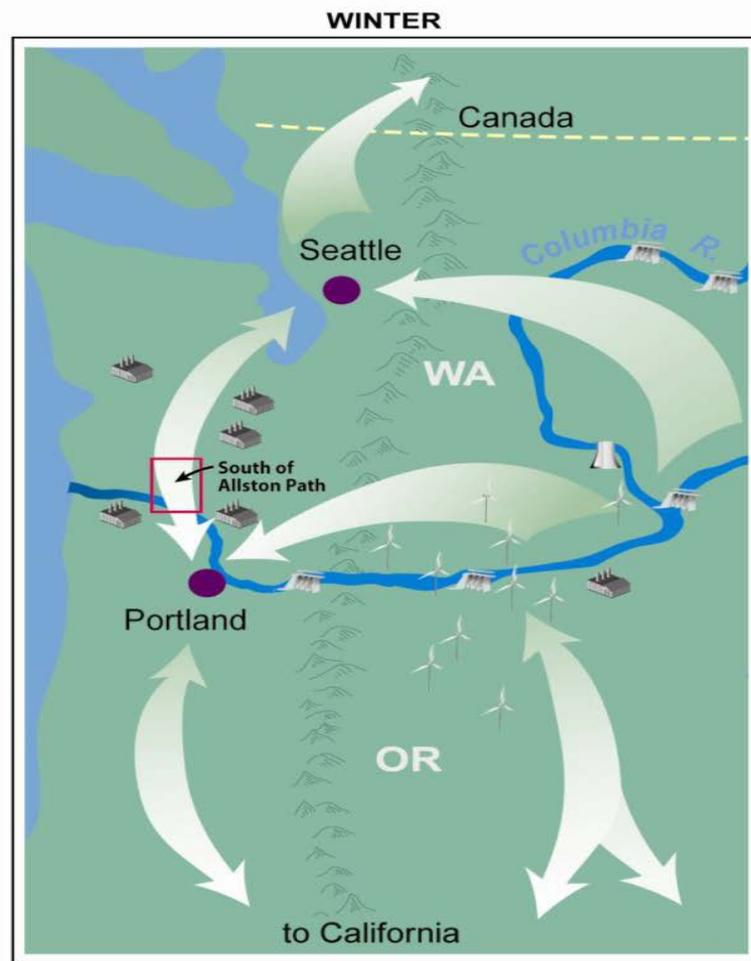
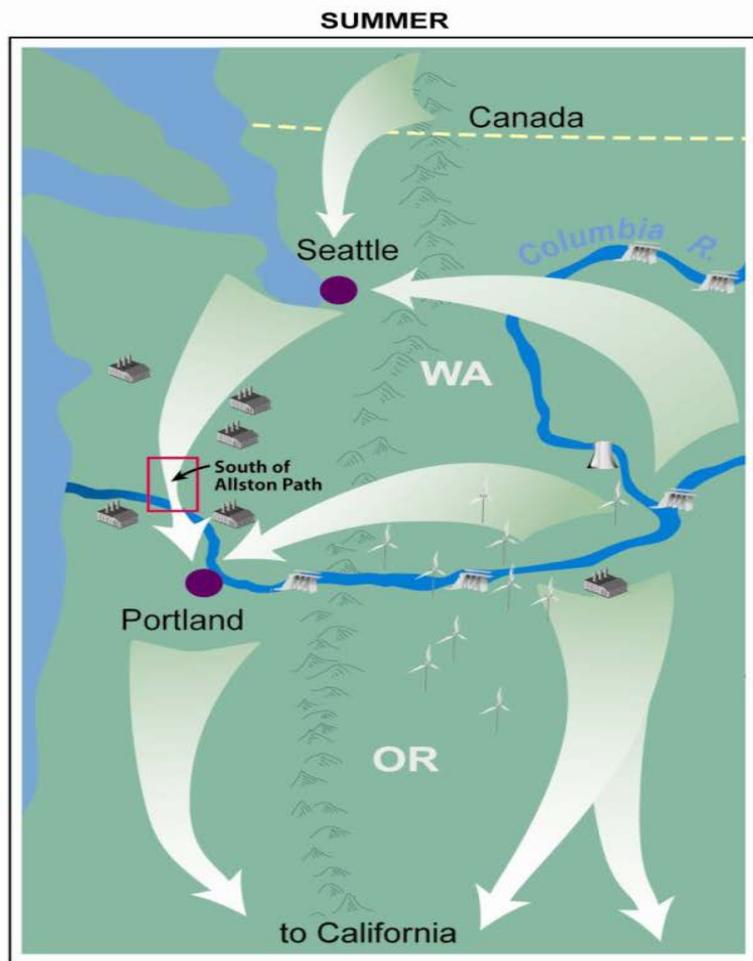
I-5 Non-Wires Update

by

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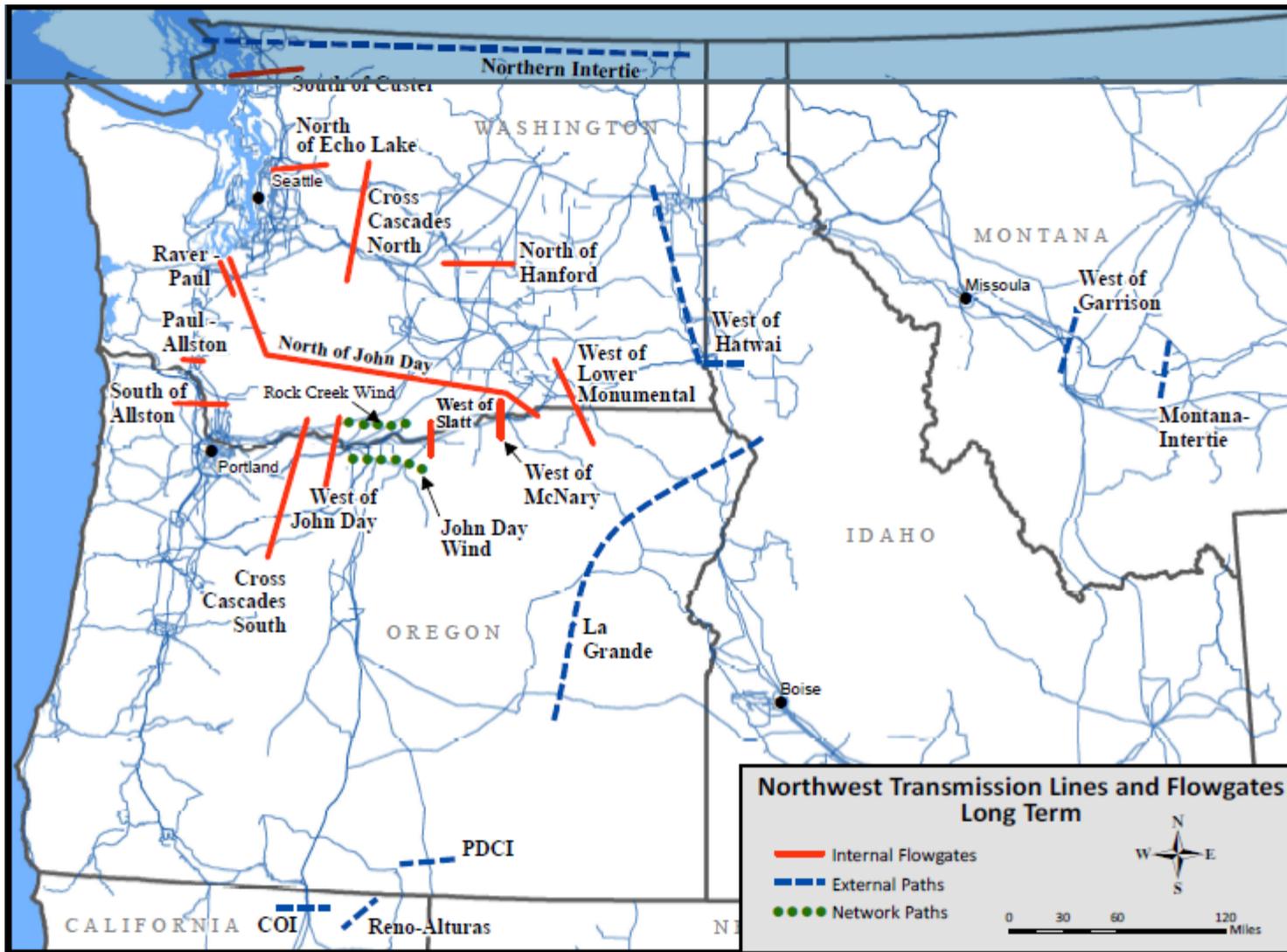
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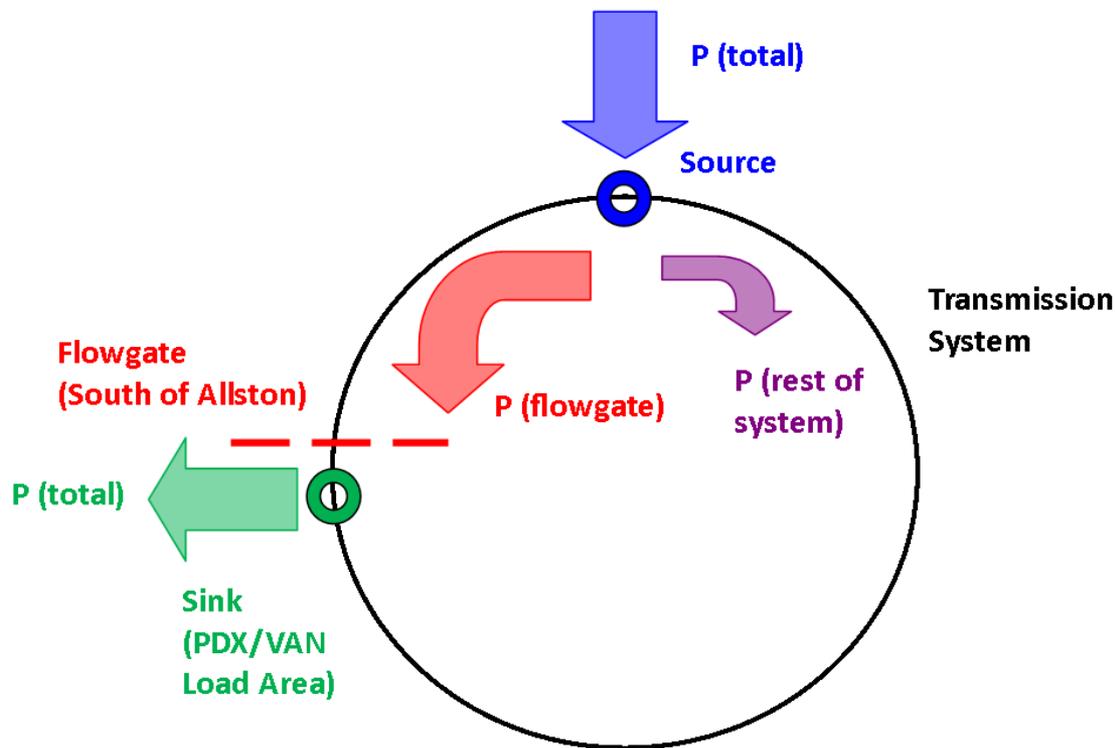
- Non-wires are measures that act to reduce or mitigate congestion on the federal transmission system.
- The South of Allston (SOA) flowgate is used to monitor flows along the I-5 Corridor (see map on next slide).
- The agency is developing a non-wires bridge strategy to fill the potential gap between the electrical need date and the energization date of the I-5 Project.
- A portfolio of non-wire wires is needed because no single measure alone can fully meet the need.
- The lead time to stand up programs, run a few seasons of testing and validate results of non-wires can be significant.

I-5 Non-Wires Update



Power Flow on the Transmission System

Power Flow on the Transmission System



$$P \text{ (total)} = P \text{ (flowgate)} + P \text{ (rest of system)}$$

I-5 Non-Wires Next Steps

- BPA plans to release a Request for Information (RFI) to seek innovative solutions to address operational concerns:
 - Issue RFI (mid-Jan 2016)
 - Last day to submit clarification (mid-Feb 2016)
 - BPA publishes responses to questions (late Feb 2016)
 - Proposal submission deadline (mid-Mar 2016)

- BPA will go through an Integrated Program Review (IPR) for the upcoming FY18-19 Rate Case to establish a new budget that will continue funding non-wires development and demonstration ahead of operational need.

- BPA's Demand Response (DR) team is benchmarking other DR programs to identify best practices and seek opportunities to save costs and keep rates as low as possible (complete by Mar 2016).