



Federal Energy Regulatory Commission
Attachment K Technical Conference

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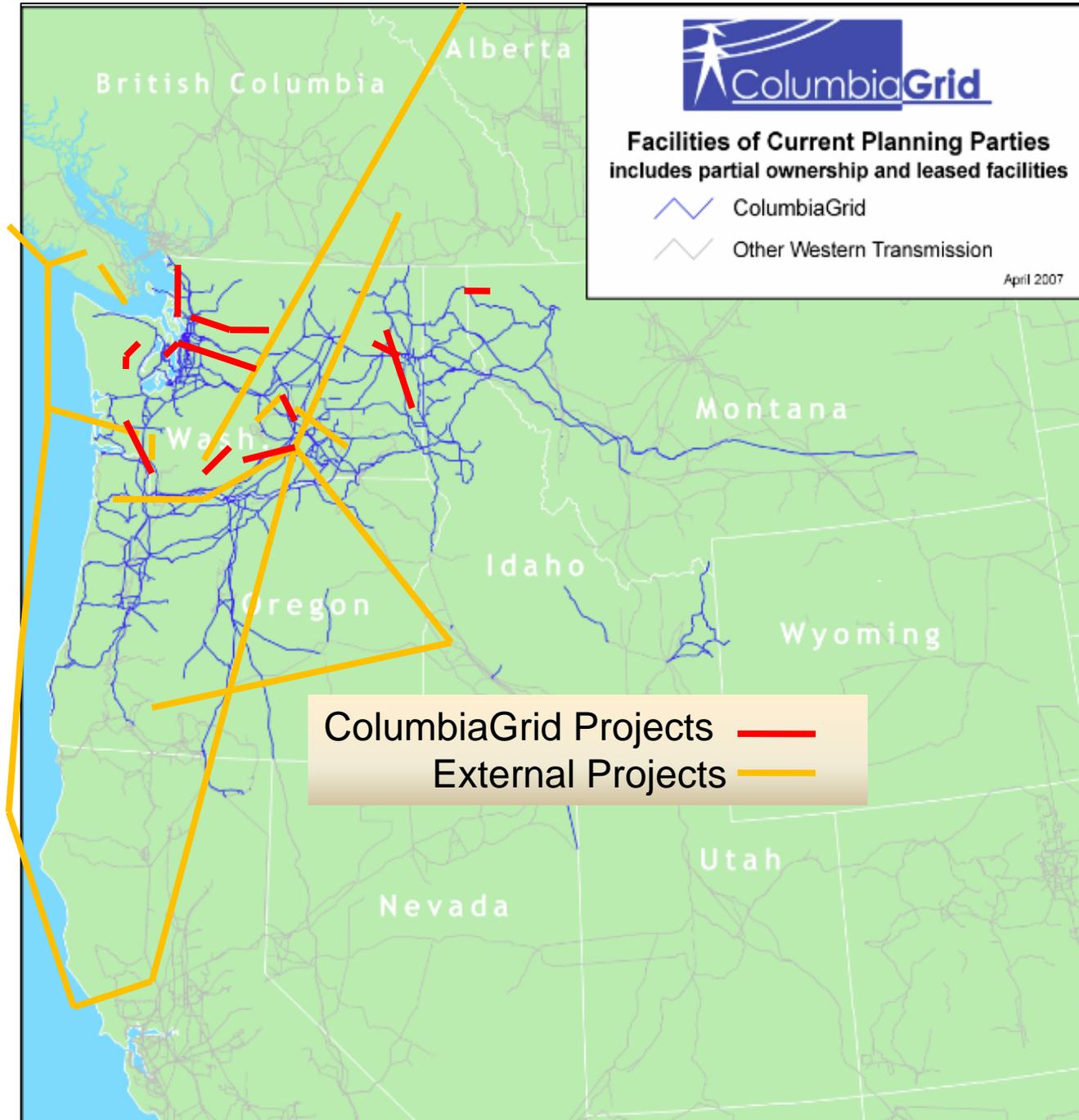


- ColumbiaGrid, an independent entity, has a FERC-approved sub-regional planning process
- ColumbiaGrid Planning Parties have contractually committed to coordinate the planning of their transmission systems on a regional and sub-regional basis











ColumbiaGrid Sub-Regional Planning Principles

- ColumbiaGrid Planning and Expansion Functional Agreement parties (PEFA parties) coordinate their planning through the ColumbiaGrid process which is open to all interested parties
- When a non-PEFA party sponsors a project that potentially affects PEFA parties, ColumbiaGrid will participate in the planning process chosen by that party (e.g., Northern Tier Transmission Group [NTTG] process)
- PEFA and non-PEFA parties may establish joint study teams (e.g., where there are alternative proposals or an intent to jointly develop a project to meet the needs of multiple systems)
- ColumbiaGrid is a member and actively participates in sub-regional and regional planning groups and forums (e.g., WECC Transmission Expansion Planning Policy Committee [TEPPC])



Current ColumbiaGrid Planning Activities

- Develop Biennial Plan (posted ColumbiaGrid Initial Transmission Plan)
- Proposed West of McNary Generation Integration Project
- Proposed I-5 Corridor Reinforcement Project
- Puget Sound Area Study Team
- Dialogue with other regional transmission providers/sub-regional planning entities regarding sub-regional coordination



Examples of Sub-Regional Coordination





Biennial Plan

- ColumbiaGrid is working with all interested parties to develop a Biennial Plan for ColumbiaGrid and coordinate that plan with non-PEFA parties to identify interaction with their proposed projects
- Notified over 500 parties (ColumbiaGrid's Interested Persons List)
- To date, have held 5 meetings with up to 40 participants, representing over 20 different entities, including Avista, Bonneville Power Administration (BPA), Chelan, Grant, Puget, Seattle, Tacoma Power, Snohomish, NTTG, PacifiCorp, Idaho Power, Northwestern, NWPP, California Independent System Operator, Clark PUD, Eugene Water and Electric Board, Katabatic Power, Portland General Electric, Northern Lights, Powerex, Renewable Northwest Project, TransCanada, and others
- Posted ColumbiaGrid Initial Transmission Plan





West of McNary Generation Integration Project

- ColumbiaGrid initiated the WECC Regional Planning Project Review Process for the proposed BPA transmission project by notifying the WECC PCC
- Notified over 500 parties (ColumbiaGrid's Interested Persons List)
- To date, have held 5 meetings with up to 40 participants representing 20 separate entities; some of the key participants include Avista, BPA, Tacoma Power, Idaho Power, Pacific Gas and Electric, PacifiCorp, Portland General Electric, Puget Sound Energy, Seattle City Light, Snohomish PUD, Northwest Power Pool, Northern Lights, PNGC Power, Northwest Power Planning Council, Washington Utilities and Transportation Commission



West of McNary Generation Integration Project, Cont'd

- ColumbiaGrid formed a special study team to consider Portland General Electric's (PGE) proposal for a 500 kV Southern Crossing Project, a new cross-Cascades line to serve load in the Salem, Oregon area
 - Participants: PGE, PacifiCorp, Pacific Gas & Electric, Northern Lights, Idaho Power, and BPA
 - Joint studies were performed on the alternative
 - Facilitator: ColumbiaGrid



West of McNary Generation Integration Project, Cont'd

- Key Conclusions of the Joint Study Team
 - The proposed BPA project and the proposed PGE project are designed to meet somewhat different objectives
 - Both BPA and PGE projects may be needed with future generation additions
 - The West of McNary project does not preclude the need for the PGE project or other planned projects including proposed transmission from Idaho to Northwest, or from British Columbia and Alberta to California
 - The study team will begin preparation of the WECC Regional Planning Project Report





Proposed I-5 Corridor Reinforcement Project

- ColumbiaGrid initiated the WECC Regional Planning Project Review Process for the proposed BPA transmission project by notifying the WECC PCC
- This project addresses the Seattle to Portland Congestion Area of Concern identified in the 2006 DOE Congestion Study
- Notified over 500 parties (ColumbiaGrid's Interested Persons List)
- To date, have held 2 meetings with up to 30 participants representing 20 separate entities; key participants include Avista, BPA, Tacoma Power, Clark PUD, Pacific Gas and Electric, PacifiCorp, PGE, Puget Sound Energy, Seattle City Light, Sea Breeze, Shell Energy, Snohomish PUD, Northwest Power Pool, Northern Lights, PNGC Power, Northwest Power Planning Council



Puget Sound Area Study Team

- ColumbiaGrid formed a study team to develop transmission expansion plan for Puget Sound area including possible interim solutions for operating problems, including redispatch
- This study effort has transitioned from NTAC to ColumbiaGrid
- Notified over 500 parties (ColumbiaGrid's Interested Persons List)
- To date, have held 2 meetings with up to 20 participants, representing 8 or more different entities, including BPA, Puget Sound Energy, Seattle City Light, Snohomish PUD, Tacoma Power, Powerex, NWPP, and others