



Federal Energy Regulatory Commission  
Attachment K Technical Conference

ColumbiaGrid's  
Regional Planning Activities

October 24, 2007



# 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 Committee [TEPPC])



# Current ColumbiaGrid Planning Activities

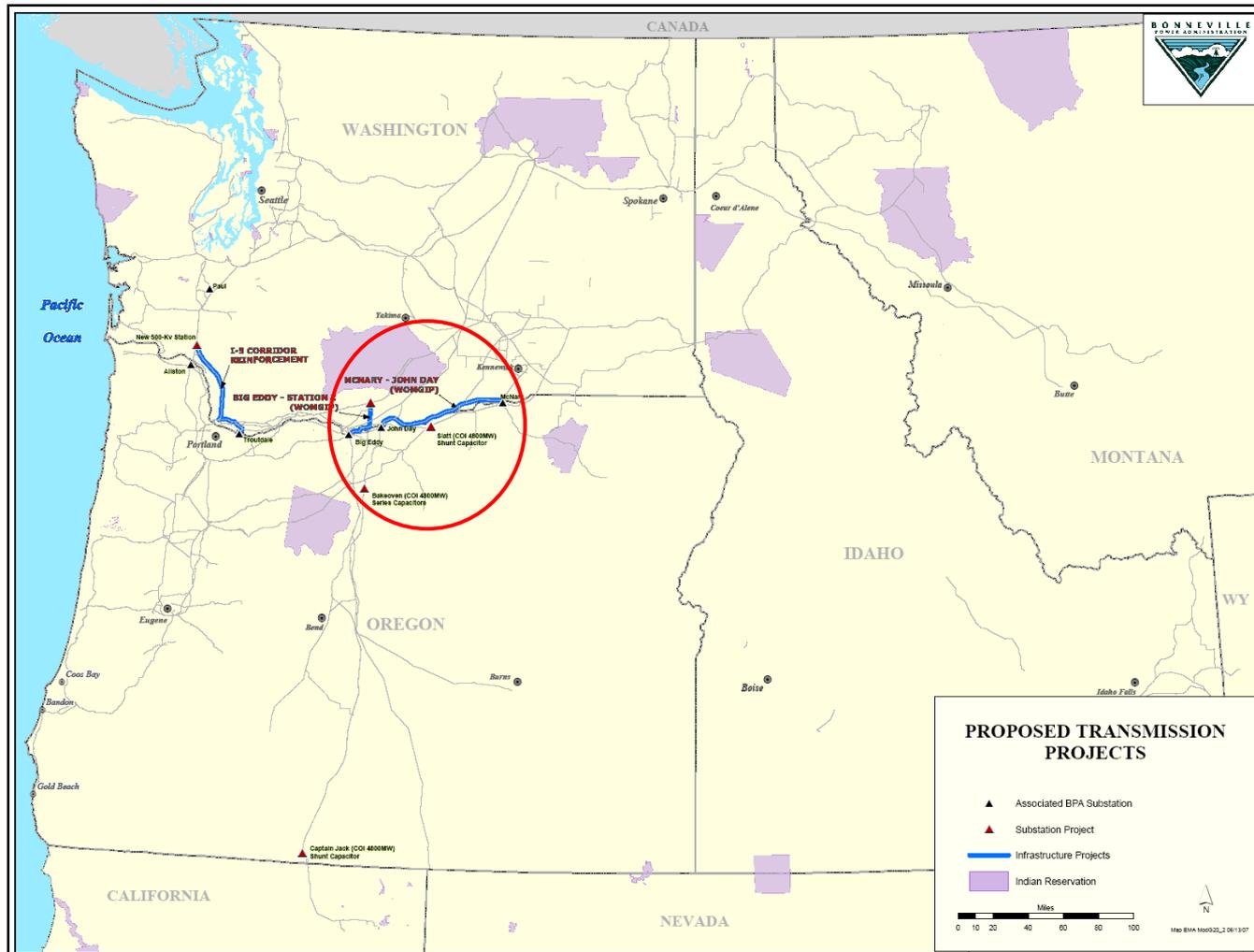
- Develop Biennial Plan (posted ColumbiaGrid Initial Transmission Plan)
- West of McNary Generation Integration Project
- I-5 Corridor Reinforcement Project
- Puget Sound Area Study Team
- Dialogue with other regional transmission providers/sub-regional planning entities regarding sub-regional coordination
- Member of WECC Planning Coordination Committee (PCC) and TEPPC; Northwest Power Pool (NWPP) Northwest Transmission Assessment Committee (NTAC)



# Examples of Sub-regional Coordination

- Proposed West of McNary Generation Integration Project
- Proposed I-5 Corridor Reinforcement Project
- Puget Sound Area Study Team
- Biennial Plan

# West of McNary Generation Integration Project





# West of McNary Generation Integration Project

- Initiated WECC Regional Planning Project Review Process for proposed Bonneville Power Administration (BPA) transmission project (notified 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; key participants include Avista, BPA, City of Tacoma, 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, various consulting corporations, and others
- A report will be submitted to the WECC PCC in December 2007



## West of McNary Generation Integration Project, Cont'd

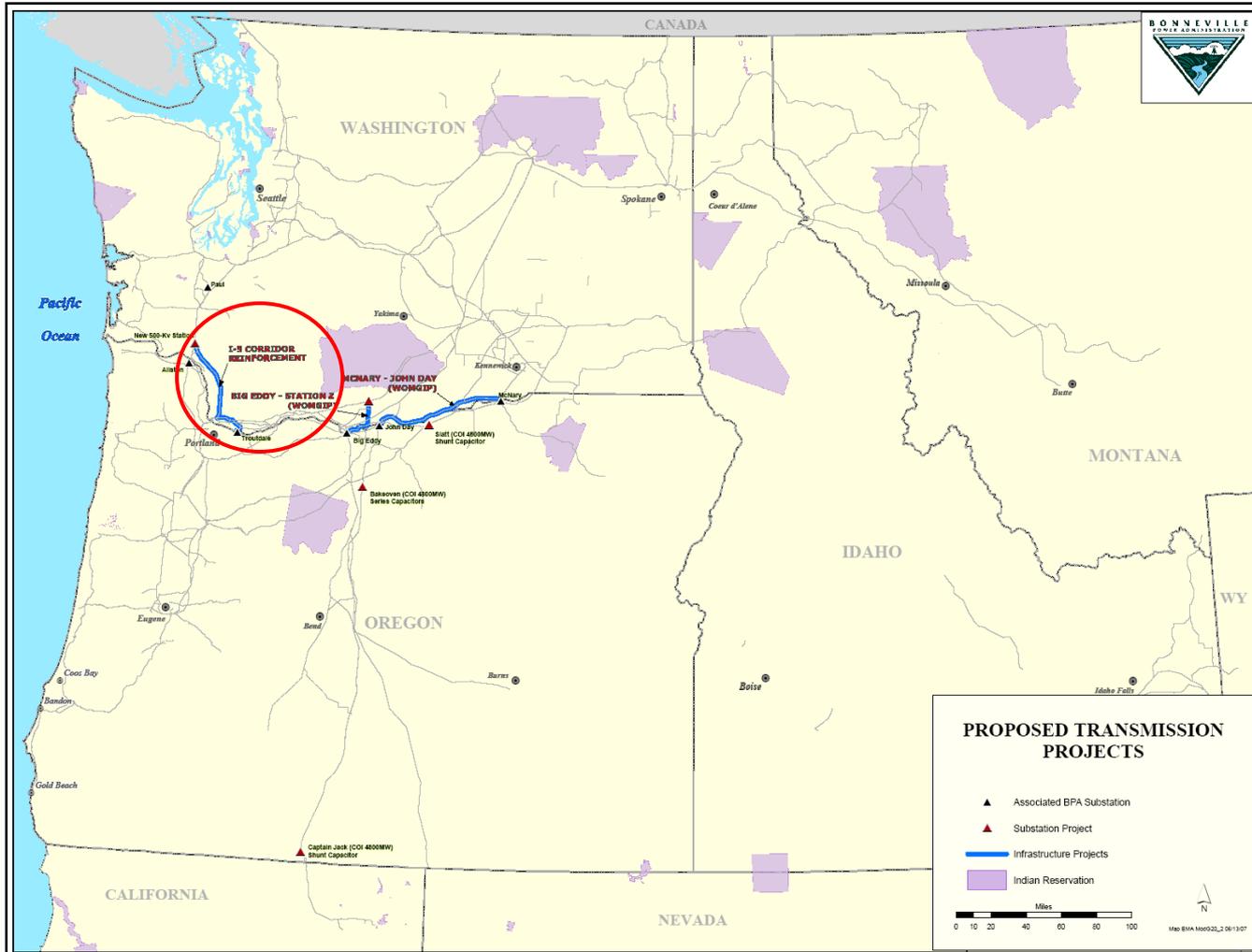
- Formed special study team to consider Portland General Electric's (PGE) proposal for consideration of a 500 kV Southern Cross-Cascades line to serve load in the Salem, Oregon area
  - Participants: PGE, PacifiCorp, Pacific Gas & Electric, Northern Lights, Idaho Power, and BPA
  - Facilitator: ColumbiaGrid



# West of McNary Generation Integration Project, Cont'd

- Key Conclusions of the Study Team
  - Proposed BPA project and proposed PGE project are designed to meet different objectives
  - Both BPA and PGE projects may be needed with future generation additions
  - Proposed BPA project does not preclude the need for other planned projects including proposed transmission from Idaho to Northwest, or from Canada to California
  - BPA should complete its studies and technical report

# I-5 Corridor Reinforcement Project





## I-5 Corridor Project

- Initiated WECC Regional Planning Project Review Process for proposed BPA transmission project (notified PCC)
- 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, City of Tacoma, 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, various consulting corporations, and others
- A report will be submitted to the WECC PCC by Spring 2008



# Puget Sound Area Study Team

- Study Team to develop transmission expansion plan for Puget Sound area including possible interim solutions for operating problems, including redispatch
- 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, City of Tacoma, Powerex, NWPP, and others



## Biennial Plan

- 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, BPA, Chelan, Grant, Puget, Seattle, Tacoma, Snohomish, NTTG, PacifiCorp, Idaho Power, Northwestern, NWPP, CAISO, Clark PUD, EWEB, Katabatic Power, PGE, Northern Lights, Powerex, Renewable Northwest Project, TransCanada, and others
- Posted ColumbiaGrid Initial Transmission Plan
- Working with all interested parties to develop a 10 year plan for ColumbiaGrid and coordinate that plan with non-PEFA parties to identify interaction with their proposed projects