

August 7, 2007 Puget Sound Area Study Team Scoping Conference Call Meeting Notes

Attendees: John Martinsen, Gordon Dobson-Mack, Dean Perry, Berhanu Tesema, Dana Reedy, Kurt Conger, Franklin Lu, Paul Arnold

John Martinsen provided a copy of Puget Sound Area Upgrade Study Report dated November 2004 and led a discussion of that study effort. Kurt Conger discussed operational constraints which appear to be getting more frequent and longer in duration. There is a lot of pressure on operators to not take outages due to increased transmission curtailments. The grid is being operated to withstand multiple contingencies (N-1-2 and higher) that are more severe than those modeled in the planning studies. There were suggestions that perhaps transmission adequacy guidelines should be looked at in addition to the planning criteria. After much discussion of current operating problems and the status of current planning efforts, the group agreed that a more comprehensive look at long term planning should be undertaken. This would be an extension of current planning efforts by applying additional criteria and revisiting current curtailment risks and giving operating risks further consideration (some outages assume large risk even if the probability is low). This planning effort would also consider non-wires alternatives such as generation re-dispatch. Gordon Dobson-Mack drafted an agenda for a large group meeting that would be held in Seattle on September 24. The group also agreed to hold another conference call on August 29 from 1 -3 p.m. to further scope this effort and review additional materials prior to September 24th

Attached is the draft Proposed Agenda for the September 24, 2007 meeting as developed on the Conference Call.

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Proposed Agenda for September 24, 2007 Meeting

1. Welcome & Introductions
2. Review of work that has been done (Phillips, Martinsen, Dobson-Mack)
 - a. Puget Sound Area Study Team Status Update
 - i. Summary of Transmission Curtailment Risk Reductions
 - ii. Current Nomogram Challenges
 - iii. Projects that have been built since 2004
 - b. Overview of previous Puget Sound long range planning studies
3. Defining the Problem - Discussion of current operation problems & impacts
 - a. Highlight trade offs of transfers vs mitigation measures (Kurt & Berhanu)
 - b. BPA TBL operating concerns (Jerry Jackson)
 - c. Outage scheduling challenges (Kurt & Jerry)
 - d. NI OTC uncertainty challenges (Gordon)
 - e. Other issues (All)
4. Need for a long term solution and Agreement on comprehensive planning effort (All)
 - a. Formation of Study Team
 - b. Study Team work scope
5. Assumptions for PSA Planning Studies (Dean to facilitate)
 - a. Applicable planning criteria and Transmission Adequacy Guidelines
 - b. Generation Assumptions
 - c. Scheduled outage frequency and duration for all PSA utilities
 - d. Contingency Definitions that will be used
 - e. Acceptable mitigation options for Category C outages
 - f. Other assumptions (All)
6. Study team assignments