

# **Transmission Planning**

PROJECT REPORT - 02/13/09

**STANDARDS OF CONDUCT REMINDER** – any information or work-in-progress the working group shares internally which is considered Transmission Information may not be shared with others unless previously posted on the respective Transmission Providers' OASIS.

General Information						
Project	Planning Committee	Chair:	Kip Sikes			
From Date	February 14, 2009	To Date	March 18, 2009			



### Reason for stoplight color:

Economic study preparation and additional power flow analysis are underway and no issues have been raised.
Meeting frequency is being reduced as policy issues are in abeyance and to allow work groups to focus.

### **Activities Performed This Period**

A stakeholder webinar was hosted by the Planning Committee on February 25<sup>th</sup>. In addition to an update on activities and actions by the Planning, Transmission Use and Cost Allocation Committees, requests that were submitted in response to the WECC's TEPPC study window (that closed on January 31<sup>st</sup>) were reviewed. The processes for making requests of the Northern Tier sub-regional group were discussed and areas of interest and potential requests from attendees were solicited.

The Planning Committee established Q2 milestones for the Technical Work Group to perform additional power flow studies, and set a target date of April 1 to have economic studies base case transmission developed. The Economic Studies Project Team is using an established WECC TEPPC case with the addition of resources and transmission projects studied in the power flow studies.

The Planning Committee reviewed and adopted a matrix of supplemental power flow studies to be performed by June of this year. The Technical Work Group and the Economic Studies Project Team have their assignments and are experiencing no difficulties as they work on them. The Planning Committee reviewed and approved the Transmission Use Committee's Economic Study Request Clustering and Prioritization process.

Project Plan Milestones	Planned MM/DD/YY	Forecasted MM/DD/YY	Completed MM/DD/YY
Q4 Perform Technical Studies, Plan Analysis	12/31/08		
Heavy Summer Base Case complete	11/1/08	11/10/08 11/21/08 12/01/08	11/26/08
2. Light Autumn Base Case complete	11/01/08		01/14/09
3. Stakeholder review of study progress – webinar	11/12/08		11/12/08
4. Run contingencies for Heavy Summer, identify problems/solutions (if any)	12/10/08	12/12/08	12/19/08
5. Run contingencies for Light Autumn, identify problems/solutions (if any)	12/12/08	<del>12/19/08</del> 01/24/09	01/24/09
6. Prepare draft report	12/31/08		02/09/09
Q5 Prepare & Review Draft Report, Economic Study Requests	3/31/09		
7. Stakeholder meeting to discuss draft plan	01/28/09		01/28/09
8. Stakeholder webinar to review ESR process and assumptions	02/25/09		02/25/09
9. Define matrix of additional capacity studies to be performed	02/27/09		02/27/09
10. Integrate NTTG transmission projects into TEPPC 2017 case, verify configuration	03/31/09		
11. NTTG ESR window closes	03/31/09		
Q6 Perform Additional Power Flow Studies, Economic Studies	6/30/09		
12. NTTG Public webinar to cluster, prioritize and vote on any ESR's received	04/08/09		
13. Add NTTG loads and resources to economic studies default cases	04/17/09		
14. Define economic study parameters for studies defined by the Trans. Use Committee	04/15/09		
15. Set up and run power flow studies defined in Q5 matrix (9)	05/13/09		
16. Complete 'default case' economic studies	05/13/09		
17. Public webinar to review preliminary status of economic and add'l capacity studies	05/27/09		
18. Run contingencies on power flow studies, produce report	06/15/09		
19. Complete initial runs of TUC-defined economic studies	06/15/09		
20. Public webinar to review results of additional capacity studies and economic studies	06/24/09		
21. OATT deadline for completing Economic study requests submitted by stakeholders	06/30/09		



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Legend: Controlled

Caution<sup>(2)</sup>

Critical(3)

Complete

- <sup>1</sup> Milestone is within established scope and on schedule
- <sup>2</sup> Milestone has deviated from the plan and slight risk exists for meeting project deadlines/scope
- <sup>3</sup> Milestone has fallen significantly behind schedule and project completion by deadline and within scope at critical risk

#### **Activities Planned for Next Period**

Technical Work Group members from Portland General and Northwestern Energy will, with aid from other members, prepare to conduct a matrix of additional power flow studies that are to be performed during the second quarter of 2009.

The Planning Committee will participate in the definition of economic studies to be performed in the second quarter, and will continue to prepare production cost model base cases needed for their execution.

## **Problem Areas & Risk Management**

The biennial planning process is on schedule. Preparation of the power flow studies appears to be straightforward, but developing solved cases may encounter difficulties, as the base cases prepared in 2008 are not as robust as they could be. This is the first iteration for Northern Tier on economic studies, and so considerable uncertainty surrounds case development process, complexity and engineering resource needs.