

Regional Participation:

WestConnect Project Agreement for Subregional Transmission Planning (STP Agreement):

An Agreement signed by the WestConnect Parties that implements the WestConnect Planning Objectives and Procedures for Regional Transmission Planning. This Agreement details the management, cost and cost allocation for the sub-regional planning process.

<http://www.westconnect.com/filestorage/050207RegionalPlanningProjectAgreementExecutionCopy.pdf>

WestConnect Objectives and Procedures for Regional Transmission Planning:

Provide for the resources and funding for the development of a ten (10) year integrated regional transmission plan for the WestConnect Footprint on a biennial basis and resources and funding for other studies, e.g. load saturation or fault studies, for the WestConnect Footprint or sub-areas therein as it is deemed appropriate. Promotes an open, transparent and alternatives-based transmission planning process to facilitate comment, input and exchange of information by all interested Stakeholders during all phases of development of the WestConnect biennial regional transmission planning process and the integration of the WestConnect biennial regional transmission planning process with other sub-regional transmission planning efforts within the Western Interconnection and the Western Electricity Coordinating Council (“WECC”).

<http://www.westconnect.com/filestorage/WC%20Planning%20Objectives-Procedures%20Revision%201%20approved%20by%20PMC%201-14-09.pdf>

WestConnect Transmission Plan Guide:

A guide to establish a framework for future WestConnect Transmission Plans following the principals found in the WestConnect Project Agreement for Subregional Transmission Planning. Describes the prerequisites for inclusion of projects into the Plan, define the segments of the Plan and prescribe the content and format of the WestConnect Transmission Plan.

<http://www.westconnect.com/filestorage/WestConnect%20Transmission%20Plan%20Guide%207-22-2008.pdf>

WestConnect Transmission Planning Report Guideline:

A document that describes in general terms what will be included in the annual WestConnect Transmission Report (“Report”), including the prerequisites for inclusion in the Report, how the Report will be organized, the basic format of the Report and how the Report will be submitted annually to the WestConnect Planning Management Committee for approval and then posted on the WestConnect website.

<http://www.westconnect.com/filestorage/WestConnect%20Transmission%20Planning%20Report%20Guideline%207-22-2008.pdf>

2009 WestConnect Transmission Planning Report:

This report documents the subregional transmission planning processes that occurred within the WestConnect planning area in calendar year 2009 for the planning years 2010 through 2019. It describes each of the active subregional transmission planning groups and their respective 2009 study efforts. This report also describes the WestConnect subregional planning participants' responses to emerging public policy and regulatory requirements. Finally, this report outlines the proposed 2009 WestConnect subregional transmission planning study plan. These collective efforts have resulted in an integrated ten year transmission plan for the WestConnect subregional planning participants.

http://www.westconnect.com/filestorage/wc_2010_planning_report_complete_030510
Errata: http://www.westconnect.com/filestorage/wc_2010_report_errata.pdf

2009 WestConnect Transmission Plan:

The 2009 WestConnect Transmission Plan ("Plan") is a subregional transmission plan coordinated and assembled on behalf of WestConnect subregional planning participants and stakeholders. The authority and purpose of this WestConnect Transmission Plan is derived from the May 2, 2007 WestConnect Project Agreement for Subregional Transmission Planning ("STP Agreement"). This Plan includes the ten-year transmission plans (2010 through 2019) of the parties that have signed the WestConnect STP Agreement. The 2009 Plan also includes transmission plans of other parties that have proposed, studied, presented and sought stakeholder comments on their respective transmission projects during the 2009 subregional planning processes active within the WestConnect Planning Area.

http://www.westconnect.com/filestorage/wc_trans_planning_2010_final_rpt_041910

Economic Planning:

Transmission Expansion Planning Policy Committee (TEPPC)

Economic Study Master List:

List of requests (2010) for economic planning studies to be considered in the annual synchronized study plan.

<http://www.wecc.biz/committees/BOD/TEPPC/EconomicPlanningStudies/Pages/default.aspx>

Charter of the Transmission Expansion Planning Policy Committee:

WECC and its members have determined that WECC has a role in meeting the region's need for regional economic transmission planning and analyses by providing impartial and reliable data, public process leadership, and analytical tools and services. The activities of WECC in this area will be guided and overseen by a new board-level committee, the Transmission Expansion Planning Policy Committee (TEPPC). This

document establishes TEPPC's three main functions of: (1) overseeing database management, (2) providing policy and management of the planning process, and (3) guiding the analyses and modeling for Western Interconnection economic transmission expansion planning.

<http://www.wecc.biz/committees/BOD/TEPPC/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fcommittees%2fBOD%2fTEPPC%2fShared%20Documents%2fCharacter&FolderCTID=&View=%7b3FECCB9E%2d172C%2d41C1%2d9880%2dA1CF02C537B7%7d>

2009 Annual Report of the Transmission Expansion Planning Policy Committee:

Over the past three years, TEPPC has conducted studies to identify possible future congestion in the WECC transmission system. This report covers the results of the studies conducted by TEPPC during 2009, and it is a companion to the 2009 TEPPC Annual Report which covers TEPPC's organizational activities. In the 2009 Study Program, three study years were to be considered, 2012, 2019 and 2029.

As part of its adaptive approach to transmission studies, TEPPC seeks to improve the quality of its study program each year. In the 2009 Study Program modeling improvements included: (a) the modeling of hydro-electric resources to make them more responsive to load and price changes, (b) further refinement of combined-cycle (CC) heat rates, and (3) initial modeling of dispatch responsive demand-side resources. In addition, expansion cases were prepared for each of the major sets of 2019 study cases, compared to only a single transmission expansion case in 2008 with capital cost analysis was applied to the expansion cases.

The format of this report has been altered from that used in previous years. To provide users with a clearer view of the findings of the 2009 Study Program study conclusions are provided first, followed by a more detailed discussion of study development and results. Conclusions from the 2009 studies are covered in Section 2. Section 3 explains the development of the 2009 Study Program. A detailed discussion of the scenarios modeled for each of the study years considered, 2012, 2019 and 2029 is covered in Sections 4, 5 and 6 respectively. Finally recommendations for future study programs are provided in Section 7.

<http://www.wecc.biz/committees/BOD/TEPPC/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fcommittees%2fBOD%2fTEPPC%2fShared%20Documents%2fTEPPC%20Annual%20Reports%2f2009&FolderCTID=&View=%7b3FECCB9E%2d172C%2d41C1%2d9880%2dA1CF02C537B7%7d>

Synopsis of Transmission Planning Protocol of Western Electricity Coordinating Council's Transmission Expansion Planning Policy Committee:

A synopsis which provides the main points of the TEPPC Transmission Planning Protocol. The protocol governs the transmission planning process used by the Western Electricity Coordinating Council's (WECC) Transmission Expansion Planning Policy Committee (TEPPC) to support transmission providers in meeting the transmission planning obligations of Attachment K to the transmission providers' Open Access Transmission Tariffs (OATTs).

<http://www.wecc.biz/committees/BOD/TEPPC/Shared%20Documents/Forms/AllItems.aspx>

Transmission Planning Protocol of Western Electricity Coordinating Council's Transmission Expansion Planning Policy Committee:

A Protocol that governs the transmission planning process used by the Western Electricity Coordinating Council's (WECC) Transmission Expansion Planning Policy Committee (TEPPC) to support transmission providers in meeting the transmission planning obligations of Attachment K to the transmission providers' Open Access Transmission Tariffs (OATTs). TEPPC's support includes preparing and making a transmission economic planning database available, conducting transmission economic expansion studies as part of a Western Interconnection synchronized study cycle and facilitating collaborative efforts among subregional planning groups within the Western Interconnection.

<http://www.wecc.biz/committees/BOD/TEPPC/Shared%20Documents/Forms/AllItems.aspx>

Transmission Expansion Planning Policy Committee 2009 Synchronized Study Plan:

The Transmission Expansion Planning Policy Committee's (TEPPC) 2009 Synchronized Study Plan (Study Plan) constitutes the implementation of the TEPPC Transmission Planning Protocol (TEPPC Protocol) that was developed in response to FERC's Order No. 890. The goal of this Study Plan is to produce a report in early 2010 that provides useful insights into transmission expansion needs within the Western Interconnection and lays a foundation for future studies. The Study Plan will investigate potential congestion under different incremental resource portfolios and the congestion reduction effect of various transmission additions.

<http://www.wecc.biz/committees/BOD/TEPPC/Shared%20Documents/Annual%20Study%20Programs/2009%20TEPPC%20Study%20Program.pdf>