

Summary

SPSC Scenario Work Group

Conference Call October 27, 2010

Participants:

Jim Tarpey, Chair (CO PUC); Kristin Mayes (ACC); Tom Stoops (OR), Michael Wheeler (CA PUC); Grace Anderson, Jack Buchanan (BC); Rich Halvey (WGA); and Tom Carr and Doug Larson (WIEB).

Highlights

- Identified upcoming dates for SPSC members to gather information and prepare SPSC input into the 10-year transmission plan:
 - Oct. 29 – release of draft Whitepaper by the 10-Year Plan Task Force
 - Nov. 2 – WECC webinar on the Whitepaper
 - Nov. 4 – SPSC first webinar for questions and discussion. SPSC members will be polled to determine the time for the webinar.
 - Nov. 9 – Joint meeting of TEPPC/SPSC to discuss the Whitepaper
 - Nov. 15 – Deadline for submitting written comments on the Whitepaper prior to release for the WECC Board meeting
 - Nov. 18 – SPSC second webinar to discuss input to the 10-year plan
- Chairman Tarpey announced he will suspend the weekly Wednesday meetings of the Scenario Work Group because of the planned SPSC webinars on Nov. 4 and 18, and the TEPPC/SPSG meetings on Nov. 8-10.

Summary

This summary and the meeting presentation can be found on the [Scenario WG website](#). The agenda for the meeting was reviewed:

- Update on the 10 Year Plan Task Force
- SPSC input to the 10-year transmission plan; and
- SPSC study request update.

Update on TEPPC's 10-Year Plan Task Force. Tom Carr summarized the recent October 25 meeting in San Francisco of the 10-Year Plan Task Force. The Task Force held a 6 hour in-person meeting to review, edit and discuss issues in their draft Whitepaper version 2.0. John Savage, Grace Anderson and Tom Carr participated in the meeting. The Task Force made progress in many areas including a statement of the goal of a plan, background information on the transmission planning process, steps and criteria to develop a plan, and supporting information in numerous appendices. The draft Whitepaper is about 50 pages with about 20 pages of text prior to the appendices. An important purpose of the Whitepaper is to inform stakeholders about the existing transmission planning process, the data used, general methodology, and the stakeholders involved in the process. This information is a base upon

which new and existing stakeholders can provide input into the direction and purpose of a 10-year plan.

WECC and TEPPC have set up an extensive review process designed to receive stakeholder feedback and help shape decisions on the 10-year plan. Key dates in the review process are:

- Oct. 29 – Whitepaper distributed to TEPPC & SPSG
- Nov. 2 – WECC outreach webinar on the Whitepaper
- Nov. 9 – Joint TEPPC/SPSG meeting to discuss Whitepaper
- Nov. 15 – Written stakeholder comments due to the Task Force prior to revisions
- Nov. 28 – Release of Whitepaper to WECC Board
- Dec. 8 and 9 – WECC Board discussion (no formal action planned)

The Task Force will release a draft of the Whitepaper on October 29 and hold a webinar on November 2 to discuss the draft. The Whitepaper will be discussed at the November 9 joint meeting of TEPPC and the Scenario Planning Steering Group (SPSG). After that meeting, stakeholders can submit written comments to the Task Force until November 15. A revised Whitepaper will be revised and a new version released on November 28 for consideration by the WECC Board meeting on December 8-9. The WECC Board will not take formal action on the White Paper at this meeting.

Grace Anderson provided additional comments on the Task Force's October 25 meeting and pointed out that the Task Force will receive written comments from stakeholders by November 15. Kristin Mayes asked for more information about some of the issues that the Task Force was dealing with at their meeting. Tom Carr identified the Task Force's efforts to define a goal statement, clarify different types of congestion, and develop criteria for identifying paths that may need transmission expansion. One specific example was John Savage's proposal to construct a plan based on the Reference Case modeling results (and the Foundational projects) and then consider additional transmission that would be needed in response to answering specific "what if" questions.

SPSC Input to the 10-year Transmission Plan. On October 25, a memo from Chairman John Savage and Jim Tarpey outlined a series of steps for SPSC to learn about the 10-year plan issues, engage in discussions, and work towards common recommendations to WECC on the 10-year plan.

- Oct. 29 – Upon the release of the Task Force's draft White Paper, staff will distribute the draft Whitepaper to SPSC members.
- Nov. 2 – WECC will host a webinar on the Whitepaper and SPSC members are encouraged to participate.
- Nov. 4 – SPSC would hold its own webinar on the Whitepaper to provide an open forum for discussion and feedback among SPSC members.
- November 9: Joint TEPPC/SPSG meeting to discuss the Whitepaper in Phoenix
- November 18: The week after the TEPPC meeting, staff would produce an issues paper and hold a second SPSC webinar. A second SPSC webinar on or about Nov.

18 would enable SPSC members to discuss the Whitepaper, ask questions, offer opinions and potentially reach consensus on the approach to 10-year plan.

- Nov. 28 – Upon the release of the Whitepaper to the WECC Board, staff will distribute it to SPSC.
- Dec. 8-9 – WECC Board meeting. SPSC representative would appear before the WECC Board to explain that the SPSC is pursuing an independent review process.
- Jan. 11-12 – SPSC meeting in San Diego. SPSC would be briefed on the TEPPC Whitepaper by WECC staff. SPSC would discuss key issues, develop recommendations, and convey the recommendations to WECC and TEPPC.

SPSC Study Requests. Tom Carr discussed the progress of implementing the SPSC study cases using a table that tracks the milestones for different cases that TEPPC is modeling. The list of milestones on the top row are the specification of loads, the identification of the RPS target energy, the creation of the incremental renewable portfolio, the check for subregional load and resource balance, and the specification of additional conventional resources. The different cases are listed in the first column. The yellow blocks indicate the milestone is complete. The pink blocks denote that work is underway on this task. White blocks signify that work is not complete or near completion.

TEPPC’s initial Base Case using BA loads has just completed the loads and resource balance check. The Reference Case with state-adjusted loads must next be checked for its loads and resources balance. The SPSC’s two other cases, High Load and High DSM, are in the stage of specifying the loads that will shortly be followed by identifying the adjustments to RPS targets and the renewable portfolio.

Status of 2020 Cases

2020 Cases	Case #	Loads	RPS Target	Incremental Renewable Portfolio	Load & Resource Check	Incremental Conventional Resources	Other
Base	PC0	BA loads: 1,021,649 GWh (complete 6-25-10)	148,134 GWh for RPS states (complete 8-12-10)	97,472 GWh added based on IRP/LRS by state/province (complete 9-1-10)	Subregional model with revised OTC adjustment (complete 10-18-10)	Conventional resources added to AB, no material gaps in other subregions.	
Reference	PC1	State-adjusted loads with existing DSM policies: 981,620 GWh (complete 8-9-10)	140,288 GWh for RPS states (complete 8-12-10)	89,644 GWh added based on IRP/LRS (complete 9-1-10)	Revise Subregional model for lower peak loads and less RE resources.	Verify if further additions or reductions needed.	
High Load	PC2	SPSC request 10%	Revise RPS	Revise renewable	Revise subregional		

2020 Cases	Case #	Loads	RPS Target	Incremental Renewable Portfolio	Load & Resource Check	Incremental Conventional Resources	Other
		above state-adjusted load: 1,079,782 GWh	target for High Load	portfolio	model for loads and more RE resources		
High DSM	PC3	High DSM loads: 879,562 GWh SPSC/LBNL submitted (10-6-10)	Revise RPS target for lower loads	Revise renewable portfolio	Revise subregional model for loads and less RE resources		
Low Carbon	PC4	Use High DSM loads	Use High DSM RPS target	Use High DSM RE portfolio			Step 1 – Use DSM loads Step 2 – Apply carbon adders Step 3 – Compare coal plant output with plants subject to new upgrades
Technology Breakthrough	PC5						Case Dropped

Michael Wheeler reported that Commissioner Dian Grueneich will be in communication with the parties that sponsored two other study requests that TEPPC will model among the 2020 cases. These cases will evaluate the addition of 25,000 GWh of wind development in Montana and Wyoming. Commissioner Grueneich will suggest that these parties have their study evaluated based off both the Base Case and the Reference Case.

Tom Carr flagged a potential new issue emerging in the TEPPC work groups and possibly rising to the Technical Advisory Subcommittee (TAS). There is a proposal to create a third base case that would model California with a greater amount of imports relative to the renewable portfolio specified in both the Base Case and Reference Case. Participants on the call expressed their reservation about the proposal because is outside of TEPPC’s study program and study requests, and staff work on a third base case could delay completion of the SPSC’s four cases in the 2020 series.

Finally, Jim Tarpey acknowledged that over the next three weeks the SPSC will sponsor webinars on November 4 and November 18, and there will be the TEPPC/SPSG meetings on

November 8-10. In light of these planned activities, the Scenario Work Group will suspend its weekly Wednesday meetings until further notice.