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| Description of Meeting: | NTTG Planning Committee Meeting |
| Meeting Date: | November 3, 2010 |
| Meeting Minutes Prepared By: | Lyndee Restad |
| Approved for Posting: | November 17, 2010 |

Attendee List: Jamie Austin, Dan Bayne, Eric Egge, Darrell Gerrard, Rhett Hurless, Don Johnson, John Leland, Jacob Lucas, Bill Pascoe, Steven Wallace, Ted Williams

1. Agenda:

- Update on Technical Work Group's activities
- TEPPC update: release of 2020 base case
- Update on regional and other sub-regional activities
- Other business/Roundtable

2. Discussions & Decisions:

Discussion: Update on Technical Workgroup Activities

- Build initial power flow and production costs data sets
 - There is a need to wait for the TEPPC 2020 base case, which was just released last Saturday
 - NTTG analysts need to match all elements in two datasets. Buses and branches have been managed okay
 - With regard to Loads, TEPPC netted station service loads with generators, which is different than the approach taken in the power flow
 - For Generators, a total of 3300 units are being reviewed, with 1600 having differences (bus number, name, generator ID) in their mapping to the transmission topology
- The TWG took epc-formatted and PROMOD-exported text files to compare
- Ron Schellberg of Idaho Power formed a comparison workbook from the data and identified 950 items that don't match from PROMOD to epc and a couple hundred changes from epc to PROMOD
 - Ron has fixed about 30-40% of these so far
 - As part of this work, it is necessary to identify and map where TEPPC has added some generators to PROMOD that don't exist in the power flow case
 - For the round trip analysis to work, analysts need to get the generation data differences fixed and get both PROMOD and epc files updated
- Which data set should be the ruling model (PROMOD or power flow), and who can we get to make the changes are decisions that need to be made
- The process may need a consultant who can make the updates in the proper tool; than the TWG can request consulting bids for the data conversion and determine the appropriate path to take
 - The rest of the data will be managed by the NTTG engineers
 - Jamie Austin asked for support at the TEPPC Data Work Group, and representatives from CASIO and CEC responded; there is a need to coordinate and review changes
- TWG is targeting end of week to get the generation differences resolved, but since the changes will not be incorporated by TEPPC until next year, NTTG can afford to have data in a couple of weeks
- Once the power flow and production datasets are synchronized, NTTG will begin to put the specific resources in for scheduled scenarios, then run the cases
 - NorthWestern Energy has made progress on the null case (where they just grow loads, without new resources or transmission)



Discussion: TEPPC Update: Release of 2020 Base Case

- WECC staff published PC0 base case for 2020
- About 100 cases will be run by the staff in this study cycle
- A number of portfolio cases (different resource and load assumptions), with sensitivities and transmission expansion cases, will be run
- Meetings next week in Phoenix for TAS, SPSG, TEPPC, etc.
- Kip Sikes explained the Long Term Planning Tool RFP progress, with responses being reviewed

Discussion: Update on Regional and Other Subregional Activities

- EDT and other activities
 - The Variable Generation Subcommittee met last week, and Jamie Austin discussed the group's white paper on scope of work, and work by 4 subcommittees
 - There is a focus on ancillary markets

Discussion: Other Business / Roundtable

- Going forward, the Northern Tier Planning Committee meetings will have standing schedule for meetings on the first Wednesday of each month, with additional meetings every other week or as needed
- The next meeting will be held on December 2nd, unless one is needed earlier to report results or seek guidance
- A Technical meeting has been scheduled for Thursday, November 4th, to reach consensus on an approach on reconcile generation, branch and buses, and loads between the power flow and production cost models

3. Assignments:

| Item # | Assignment | Owner | Target Date | Status |
|--------|---|-----------|-------------|--------|
| 1. | Cancel the current Planning Committee meeting series and replace it with the new meeting schedule | L. Restad | | |

Next Meeting: The next Northern Tier Planning Committee meeting is scheduled for Wednesday, December 2, 2010 at 1pm Pacific.

- Voice Conference Mtg. **503-813-5600** (toll free #800-503-3360)
- Meeting ID **688484** and password **123456**