

<b>Description of Meeting:</b>	<b>NTTG Planning Committee</b>
<b>Meeting Date:</b>	<b>August 10, 2016</b>
<b>Meeting Notes Prepared By:</b>	<b>Amy Wachsnicht</b>
<b>Approved for Posting:</b>	<b>November 9, 2016</b>

## 1. Agenda:

- a. Approval of July 13, 2016 NTTG Joint Planning and Cost Allocation Committee Meeting Notes
- b. Planning Committee Update
  - i. NTTG 2016-2017 Study Process Update
  - ii. Technical Workgroup Timeline & Milestones
- c. Joint PCC/TEPPC Review Task Force Update
  - i. Anchor Data Set
- d. Round Table/Other Business
  - i. Upcoming meetings
    1. September 14, 2016 NTTG Quarter 3 Stakeholder Meeting, Bozeman, MT
    2. September 19, 2016 NTTG Steering Committee Meeting, Salt Lake City, UT

## 2. Discussions & Decisions:

### **Decision: Approval of July 13, 2016 NTTG Joint Planning and Cost Allocation Committee Meeting Notes**

- It was noted quorum requirements had been satisfied in both Class 2 and Class 3 but not for Class 1. Given this, the recommendation was to move the approval of the July 13, 2016 NTTG Joint Planning and Cost Allocation Committee Meeting Notes to the end of the agenda.

### **Discussion: Planning Committee Update**

- The NTTG Steering Committee approved the 2016-17 Study Plan at their last meeting.
- In July, TEPPC released their production cost model (PCM) data set but have not released the power flow data. At this time there is no specified release date.
  - Jamie Austin indicated she was attending the in-person TAS and TEPPC meeting in Salt Lake City where she will try to get a release date.
- After receiving the PCM data set, the NTTG Technical Workgroup (TWG) reviewed the data and started making corrections to ensure NTTG has a working model for when the power flow data is received.
  - The TWG checked the flowgate definitions against the WECC Path Rating Catalog and made corrections to ensure the flows are accurately represented. It was asked if all flowgates were in the WECC Path Rating Catalog. Chelsea Loomis clarified that all the defined flowgates are corrected in the PCM and those that are not defined were looked at to ensure they are correctly represented.
  - Discrepancies in the loads were also found and corrected from what was submitted versus what the data base had. There were numerous small changes for resource mapping as well as ensuring retired units were accurately modeled. The TWG also looked at the capacity factors for the generators.
  - All changes are being documented to help benefit future processes and so it is clear to TEPPC what changes were made.
- With no date for TEPPC releasing the power flow data set, the TWG will need to establish a hard deadline for developing an alternative approach if it is not received. Although the first choice is to use the 2026 Common Case, the TWG are looking at other options just in case.

- The first option is to export 1 hour from the 2026 case, then compare it to the 2025 heavy summer case and apply any regional changes. The intent is to take the exported case with modifications and reload it back into the PCM which will give the TWG the ability to look at the seasonal hours to select the five stress hours.
  - Jamie Austin indicated that TEPPC has the power flow case however there is a question of confidentiality and the staff is trying to have their legal sort out the issues. The issue is that the power flow case will be posted in a public domain.
  - A question was asked what the other regions are doing and if they are dependent on the case. The other regions all need the PCM case and are interested in the power flow data set. NTTG is the only region using the round trip process, and the other regions planning processes are not as dependent the release of the power flow case.
- Option 2 would be to retreat to the 2024 case and apply scenario changes, however there are concerns with this approach and option 1 is preferred. Ron Schellberg indicated that the TWG is pursuing option 1.
- The TWG are scheduled to meet in-person on September 13<sup>th</sup> in Bozeman, MT piggy backing on the September 14<sup>th</sup> NTTG Stakeholder meeting.
  - Last cycle the TWG met in-person in early September, however this cycle the scope of work is much larger with 19 regional and three interregional projects. The date for decision to move forward without the TEPPC power flow is August 18<sup>th</sup> giving the TWG enough time to prepare the cases for the in-person meeting.
- By the end of the year, the TWG will have developed the Draft Regional Transmission Plan.
- During the October NTTG Planning Committee the goal is to have a list of change case scenarios identified.
  - Ron Schellberg reviewed the 2016-2017 milestones including the current plan, should TEPPC release the power flow data set:
    - Between now and September 1<sup>st</sup>, update the PCM data, choose the flows to run PCM on to identify and select the stressed hours.
    - Towards the end of August and into the first weeks of September, the TWG will solve the selected hours. These will be finalized during the in-person meeting.
    - After the Stakeholder Meeting, the TWG will be performing the reliability evaluation on the Initial Plan and prior Regional Plan setting a base line for the change cases.
    - In October the TWG will select the change cases and look for opportunities to improve the costs to the NTTG footprint as well as reliability evaluation on those change cases.
    - In November, the TWG will complete the metric evaluations and begin to drafting the Draft Regional Transmission Plan.
  - Plan B, should TEPPC not release the power flow data set by August 18<sup>th</sup>:
    - Mid-August starting to work in parallel with the current plan for a couple of weeks to determine the power flow cases. Once selected, the TWG will check the topology and create contingency files.
    - The TWG will then meet in Bozeman in September and follow the rest of the current process milestones outlined.
  - Since TEPPC has not released the EPC file, Ron Schellberg requested Jaime Austin to reengineer the EPC file directly from GridView and is currently in the process of reviewing the differences.
    - Some of the differences seen include a number of CCTA facilities were included in the power flow case twice. For example, Boardman to Hemmingway is showing from Hemmingway to Boardman as well as Hemmingway to Longhorn (the new bus).

- There are also 1,500 more generators than in the WECC base case due to new resources. Standardized models will need to be used for those generators in order to model them for dynamics.
- Sharon Helms asked when the TWG is considering to run the Public Policy Consideration scenarios.
  - Ron Schellberg indicated that would occur in mid-November to December when much of the TWG is focused on writing the Draft Final Regional Transmission plan.

#### **Discussion: Joint PCC/TEPPC Review Task Force Update**

- Approximately two months ago the TEPPC and PCC review task forces decided to combine into one joint task force. This decision was made due to the Anchor Data Set (ADS) and the potential of it being housed under some entities within TEPPC and PCC as well as the common data collection/sharing that occurs between the two committees.
- During the August 17<sup>th</sup> & 18<sup>th</sup> TEPPC meeting in Salt Lake City, UT, an update will be given on the ADS as well as the activities of the TEPPC review task force.
- Following the TEPPC meeting, on August 18<sup>th</sup> & 19<sup>th</sup> the Joint PCC/TEPPC Review Taskforce will meet to finalize the ADS proposal and RAC proposal documents as well as the Data Quality Protocol for posting and stakeholder review and comment by August 25<sup>th</sup>.
  - Following the comment period, the joint task force will review any stakeholder comments received and prepare the documents for an update at the September WECC Board meeting.
  - After the September WECC Board Meeting, the joint task force will meet again to review any comments or questions heard.
- By the end of October, the joint task force is hoping to have final approval and recommendation from members for posting as well as forwarding to the WECC Board for their approval at the December WECC Board meeting.

#### **Discussion: Round Table/Other Business**

- Given the issues NTTG has had this cycle as well as past cycles with resource mapping, Rikin Shah asked if the ADS would eliminate the issues with existing resources being mapped correctly.
  - John Leland indicated the other regions have also had on going issues and are making updates to correct the common case. This will create the foundation for development and use in the current planning cycle. By October of 2016 the regions are hoping to have updates to the common case with a PCM and extracted power flow case. The proposal is that all the regions will make any incremental changes by October 2017. The goal is for this cycle to be the last full analysis of the data sets and going forward changes will only be incremental.
  - Jamie Austin indicated that had the BCCS succeeded, this would not be an issue. At this time, when the PCM and power flow cases are developed they have different resources. Until there is a unified process at WECC for building data bases the issue will likely continue.
  - John Leland also explained that through the ADS, the PCM and power flow cases are representing the Western Planning Region's plans. As long as TEPPC or the RAC does not continue to use PCM and a separate power flow, things will not be out of balance. The hope is to get the data submittal for PCM, power flow and L&R aligned so that what is being requested for the ADS is from the Western Planning Region's plans and then only incremental changes are made. The ADS is the proposed solution until a data management software can be in place.
- Key Dates:
  - September 14<sup>th</sup> – NTTG Stakeholder Meeting which will replace the regularly scheduled Planning Committee meeting. Discussions will include PCM and power flow base case updates, stressed hours and update on the September 13<sup>th</sup> NTTG TWG in-person meeting.



- October 12<sup>th</sup> – NTTG Planning Committee meeting. The goal is to have the change case criteria and selection clearly identified.
  - November 9<sup>th</sup> – NTTG Planning Committee meeting. Discussion will include the evaluation of change cases.
- Quorum requirements for Class 1 still had not been met. Therefore, approval of the July 13, 2016 NTTG Joint Planning and Cost Allocation Committee meeting notes was postponed.

### 3. Assignments:

Item #	Assignment	Owner	Target Date	Status
1.				
2.				
3.				
4.				

**Next Meeting:** The next Northern Tier Planning Committee Meeting is scheduled for October 12<sup>th</sup> at 1PM Pacific.

- Dial: **(626) 425-3121**
- Access Code: **432-608-245**



**Attendees:**

**NTTG Planning Committee Member Representatives**

<b>Membership Class 1</b>		
Jared Ellsworth, Idaho Power	Chelsea Loomis, Vice Chair, NorthWestern	Rikin Shah, PacifiCorp (Proxy)
Don Johnson, Portland General	Nathan Powell, Deseret	Ravi Varanasi, TransCanyon

**Membership Class 2**

Marshall Empey, UAMPS	Rhett Hurless, Absaroka Energy	
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**Membership Class 3**

Johanna Bell, ID PUC	Morgan Fish, WY PSC	Jerry Maio, UT PSC
John Chatburn, ID OER		

**Other NTTG Members & Guests**

Sandeep Aurora, LS Power	John Leland, NTTG	Ron Schellberg, NTTG
Jamie Austin, PacifiCorp	Kishore Patel, PacifiCorp	Amy Wachsnicht, NTTG
Sharon Helms, NTTG	Tracy Rolstad, Avista Corp	