

<b>Description of Meeting:</b>	<b>NTTG Planning Committee</b>
<b>Meeting Date:</b>	<b>June 13, 2018</b>
<b>Meeting Notes Prepared By:</b>	<b>Amy Wachsnicht</b>
<b>Approved for Posting:</b>	<b>June 27, 2018</b>

**1. Agenda:**

- a. Approval of the May 9, 2018 NTTG Planning Committee Meeting Notes
- b. NTTG 2018-2019 Public Policy Consideration Study Plan
  - i. Stakeholder Comments and NTTG Draft Responses
- c. NTTG 2018-2019 Draft Biennial Study Plan
  - i. Stakeholder Comments and NTTG Draft Responses
  - ii. Proposed edits resulting from stakeholder comments
- d. ADS Development Update
- e. Other Business
  - i. 2018-2019 Study Plan Approval
- f. Round Table

**2. Discussions & Decisions:**

**Decision: Approval of May 9, 2018 NTTG Planning Committee Meeting Notes**

- Prior to roll call, it was noted that quorum requirements were not met in Class 1 or Class 2. Approval of the May 9, 2018 NTTG Planning Committee Meeting notes was moved to the end of the agenda, allowing time for additional Class 1 members to join.

**Discussion: Stakeholder Comments on the NTTG 2018-2019 Public Policy Consideration Study Plan**

- Jared Ellsworth walked through the three sets of [stakeholder comments](#) and NTTG's draft responses.
- WY Office of Consumer Advocates Comments
  - Inquired about the Bridger Units retirement dates versus what is showing in PacifiCorp's 2017 IRP (April of 2018).
    - PacifiCorp updated their IRP (May 1, 2018) and assumed Bridger 1 retirement as the end of 2028 followed by Bridger Unit 2 in 2032.
- PacifiCorp's Comments:
  - Attachment K states a 10-year planning horizon and suggested the Public Policy Consideration (PPC) study window should be limited to no later than 2028 and Jim Bridger Unit 1 and Naughton Units 1 & 2 should be removed from the list as they retire outside the planning window.
    - PPC additional study analysis is for informational purposes only. During the May 9<sup>th</sup> Planning Committee meeting members approved the PPC study with the Bridger retirement in 2029. The NTTG studies for the Regional Transmission Plan will be in the 10-year planning horizon and based on 2028.
  - Replacement resources of Bridger 1 and Naughton 1 & 2 are covered by market purchases and should be shown as such.
    - The NTTG Technical Workgroup (TWG) will use the information available, with guidance from the Planning Committee and PPC submitters to determine the replacement energy for the resources removed.
- Joint Parties Comments:
  - Discussed the PPC request and that it was modified a few times, working with members of NTTG, to better align with NTTG planning procedures.

- Thank you for your comment.
- It was noted that the submitter information on the last set of comments was incorrect. The name said “Bryce Freeman” when it should say “Joint Parties”.
  - This will be fixed prior to posting for upcoming meetings.

**Discussion: Stakeholder Comments on the NTTG 2018-2019 Draft Biennial Study Plan**

- NTTG received one set of [stakeholder comments](#) from the Utah Association of Energy Users (UAE).
- Clarification was asked regarding Table 3 and the retirement of Jim Bridger Unit 1.
  - The study year is 2028 and Jim Bridger Unit 1 is projected to retire after 12/31/2028. A column was added to show how the unit will be treated in the study. A sensitivity case for 2029 will have Jim Bridger Unit 1 retired.
- Clarification was asked regarding Naughton 1 and 2 and Table 3 labeled as "Planned Coal Retirements prior to next Planning Cycle 2030-2031."
  - Agreed the retirements are outside of the study cycle and additional information was added to the table.
- In Table 4, for those projects that are jointly sponsored, it was asked if a percentage of sponsorship for each entity could be added.
  - NTTG does not collect that information. The table is meant to be a summary of the transmission provider’s submissions, which represents the facilities in the Initial Regional Transmission Plan (iRTP). The term “Sponsor” was changed to “Submitter” to better describe the purpose of the table.
- With regards to Table 6, it was suggested that additional columns be added to show the path ratings and ATC for 2028 along with what transmission projects are assumed to be in service.
  - The table reflects the current available existing Firm ATC and future ATC values may be unknown.
  - Justin Bieber asked if the ATC values would change depending on what projects are included in the iRTP as well as clarity of how it would change with those projects.
    - Through discussion, it was mentioned that future ATC is beyond the study scope of NTTG as that would require a path rating study and that the ATC calculations rely on what the firm contractual commitments of users of the paths.
    - It was also mentioned that this table is used as a starting point for the TWG when reviewing the transmission submitted from transmission providers. If what is submitted exceeds the ATC, then the TWG will look to see what additional construction is needed.
- There is a desire to document the Change Cases when exporting the power flow models from GridView. It was also suggested that the exported power flow models should be made available to interested stakeholders who have signed the appropriate NDAs.
  - If the documented changes in the report are not sufficient, the Planning Committee will use best efforts to provide the input data to those who have signed the appropriate NDAs.
  - Justin Bieber asked if there was an opportunity to sign the appropriate NDA.
    - Jared Ellsworth indicated that the NDA referenced would be the WECC NDA.
- A request was made to include an appendix of the submitted load and resources for transparency.
  - Most of the data submitted is public, however it depends on what is being requested. NTTG would need to go back to the data submitter and see if it’s okay to share.
- Another request for transparency was to have the changes made to the case exported from Gridview available in the report.
  - The response pointed back to the Comment ID #6.
- The report indicates that "significant changes to the exported seed case data will be tracked and documented," however, there could be some disagreement on what “significant” means and requested that NTTG provide the power flow models.

- The response pointed back to the Comment ID #6 response and indicating that it would be in input and output data for the requesting stakeholder to compare.
- There is a concern with adjusting the coincident load conditions from 1 in 2 to 1 in 5 for each of the transmission providers.
  - The ADS seed case is a 1 in 2 condition across the Western Interconnection. NTTG's reliability assessment of the RTP is for stressed conditions and not an average condition.
- A request was made to provide stakeholders with the opportunity to have input on the stressed conditions.
  - The NTTG TWG has selected six stressed conditions and during the development of the study plan, stakeholders have the opportunity to comment on or suggest other stressed conditions for consideration.
- Clarification was asked regarding when there would be an opportunity for stakeholders to provide input on the development of the change case matrix in particular, robustly testing the different segments of the Gateway project.
  - Once the ADS case is ready and the hours have been selected, the TWG will engage the Planning Committee in either August or September for input on the change case matrix.
  - With regards to the comment suggesting a desire to more robustly test Gateway West, it was asked how NTTG could have looked at Gateway West more robustly than it did in the last cycle.
    - It was indicated that it was felt the evaluation of Gateway West last cycle could have been more robust and that stakeholders would like the opportunity to comment/provide input on the change case matrix.
- Clarification was asked regarding the retirements in Table 3 and the sensitivity case.
  - Table three has been modified to help with clarity, and additional language will be added to the study plan.
- The last comment acknowledged the place holder section for the PPC study request.

**Discussion: NTTG 2018-2019 Draft Biennial Study Plan Edits Resulting from Stakeholder Comments**

- Jared Ellsworth walked through the redlined changes to the study plan. These changes include:
  - Update to PacifiCorp's wind submittal correcting an error found after the Quarter 1 data submittal window.
  - A column added to Table 3 showing how the coal retirements would be treated in the study.
  - The ATC table values were updated with the help from NTTG's Transmission Use Committee.
  - Added the TransWest Express DC/AC transmission project to Table 7, Interregional Transmission Projects.
  - To match Attachment K language "uncommitted project" was changed to "Non-Committee Project" throughout the document.
  - The transmission provider's system performance criteria links were updated.
  - The TransWest Express DC/AC project was added to the change case matrix.
  - A summary of the PPC study request was added and the PPC Study Plan has been included as Attachment 3.
  - The SWIP-North ITP Evaluation Plan was added. NTTG is still waiting for the other three ITPs from the other regions. They will be added once received.

**Discussion: ADS Development Update**



- In comparing the ADS case to what was submitted in Quarter 1, NTTG found a number of resources either missing or showing online when they should be retired. An EPC file has been created to reflect the change.
- Ron Schellberg indicated he is in the process of synchronizing the changes with the production cost model data set. The goal is to have an updated ADS case from WECC at the end of the month to apply the changes and tune the case for NTTG’s use in its study work beginning in July.
- With regards to receiving changes from the other regions, the CAISO is expected to submit their changes in July and ColumbiaGrid and WestConnect in August

**Discussion: Round Table/Other Business**

- Amy Wachsnicht indicated that Class 1 still needed one additional member to meet quorum. Given that quorum was not met, approval of the May 9<sup>th</sup> Planning Committee meeting notes was postponed until the next meeting on June 27<sup>th</sup>.
- Next Meetings:
  - June 21<sup>st</sup> – NTTG Q2 Stakeholder Meeting in Boise, ID
  - June 27<sup>th</sup> – NTTG Planning Committee Meeting
  - July 10<sup>th</sup> – NTTG Steering Committee Meeting in Salt Lake City, UT

**3. Assignments:**

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

**Next Meeting:** The next Northern Tier Planning Committee Meeting is scheduled for June 27<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, Vice Chair, Idaho Power	Chelsea Loomis, Chair, NorthWestern	Curt Winterfeld, Citizens Energy
Bill Hosie, TransCanada	Craig Quist, PacifiCorp	

<b>Membership Class 2</b>		
Rhett Hurless, Absaroka		

<b>Membership Class 3</b>		
Bob Decker, MT PSC	Morgan Fish, WY PSC	Katie Pegan, ID OEMR (Proxy)

**Other NTTG Members & Guests**

Justin Bieber, UAE	Belinda Kolb, WY OCA	Ron Schellberg, NTTG
Kathleen Fraser, Energy Strategies	John Leland, NTTG	Amy Wachsnicht, NTTG
Sharon Helms, NTTG	Regina McCormack, Invenergy	Courtney Waites, Idaho Power