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| Description of Meeting: | NTTG Planning Committee |
| Meeting Date: | August 7, 2019 |
| Meeting Notes Prepared By: | Amy Wachsnicht |
| Approved for Posting: | September 18, 2019 |

1. Agenda:

1. Establish quorum and agenda review
2. Approval:
 - a. June 26, 2019 NTTG Planning Committee meeting notes
 - b. July 9, 2019 NTTG Planning Committee meeting notes
3. Technical Workgroup Update
 - a. Draft Final Regional Transmission Plan – Stakeholder Comments, NTTG’s responses & revisions to the Plan
 - i. **Approval:** *RESOLVED*, that the Planning Committee approves NTTG’s response to comments submitted on the 2018-2019 Draft Final Regional Transmission Plan, and the subsequent revisions to the Plan
 - b. 2019 Economic Study Request – Assumptions, analysis and results
4. Round Table/Other Business

2. Discussions & Decisions:

Decision: Approval of Meeting Notes

- June 26, 2019 NTTG Planning Committee meeting notes
 - With a motion by John Chatburn, seconded by Bob Smith, the June 26th meeting notes were **approved** for posting.
- July 9, 2019 NTTG Planning Committee meeting notes
 - With a motion by Marshall Empey, seconded by Chelsea Loomis, the July 9th meeting notes were **approved** for posting.

Discussion: Draft Regional Final Transmission Plan – Stakeholder Comments, NTTG’s responses & revisions to the Plan

- On July 2nd, the Draft Regional Transmission Plan (DFRTP) was posted to the NTTG website for stakeholder comment.
- NTTG received one set of [stakeholder comments from TransCanyon](#).
 - Chelsea Loomis walked through TransCanyon comments, NTTG’s responses as well as the [revisions made to the report](#) as a result of the comments provided.

Decision: Approval Item

- *RESOLVED*, that the Planning Committee approves NTTG’s response to comments submitted on the 2018-2019 Draft Final Regional Transmission Plan, and the subsequent revisions to the Plan
- With a motion by Bob Smith, seconded by John Chatburn, the above resolution was **approved** by the majority of NTTG Planning Committee members present.

Discussion: Economic Study Request – Assumptions, analysis and results

- The Economic Study Request (ESR) submitted by the Joint Parties requested to replace the 500 kV Gateway West and South project segments with 345 kV constructions.
- The Technical Workgroup (TWG) ran the studies on the eight power flow cases used to develop the dRTP as well as a sensitivity case on one PPC case.
 - Several different 345 kV [transmission configurations were studied](#).

- The ESR appeared to perform acceptably for each of the study conditions, however, the ESR configuration changes the flows and support of the West Front and Utah area in general.
 - Using [heatmaps](#), the results of the ESR configurations for each study condition was compared against the dRTP.
- Gateway South in the dRTP provides support for outages in the Path C cutplane. In the ESR configuration, that support does not exist ([slides 11-13](#)). The ESR configuration also has limited future expansion capability or may have unacceptable performance under conditions not considered in the study cycle.
 - There are also several paths in and out of Wyoming that become more congested.
- The [results](#) of running the ESR configuration against the PPC scenarios indicate there are violations within those scenarios.
- In looking at the overall costs, the [ESR configuration is less than the dRTP](#), however these are high level overall all costs of comparing one plan to the other.
- With regards to the ESR report, Chelsea Loomis indicated, unless there were significant changes to the report, or concern from committee members on today's meeting, the report would be finalized and included in the dRTP which will be posted for comment in September.
 - No additional comments or concerns were heard from committee members.

Discussion: Round Table/Other Business

- Sharon Helms informed the members that while there is a Planning Committee meeting scheduled for September, there maybe a chance of it being cancelled if there is no business needing the committee's attention.
- Sharon Helms also indicated that NTTG has engaged a technical writer, as done in previous cycles and he is working with the Planning Leadership team on a Revised Draft Final Regional Transmission Plan which will be out for final comment at the end of September.
- Fred Heutte inquired about the Attachment K filings for NorthernGrid and when those are expected to be done.
 - Chelsea Loomis indicated that is being handled through each party's legal team and she is not sure of the exact date of the filing, but it should be soon.

3. Assignments:

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

Next Meeting: The next Northern Tier Planning Committee Meeting is scheduled for September 18th at 1PM Pacific.

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



Attendees:

NTTG Planning Committee Member Representatives

| Membership Class 1 | | |
|----------------------------|-------------------------------------|---------------------------------------|
| Ian Beil, Portland General | Chelsea Loomis, Chair, NorthWestern | Curstis Westhoff, Idaho Power (Proxy) |
| John Gross, Avista | Rikin Shah, PacifiCorp (Proxy) | Curt Winterfeld, Citizens Energy |
| Younglae Kim, MATL | Bob Smith, TransCanyon | |
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| Membership Class 2 | | |
|---------------------------|----------------------------------|--|
| Marshall Empey, UAMPS | Chelsea Loomis, Absaroka (Proxy) | |

| Membership Class 3 | | |
|------------------------------|------------------------|--|
| Robin Arnold, MT PSC (Proxy) | John Chatburn, ID OEMR | |

Other NTTG Members & Guests

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|----------------------------|---------------------------|-------------------------|
| Justin Bieber, UAE | John Leland, NTTG | Amy Wachsnicht, NTTG |
| Sharon Helms, NTTG | George Lynch, ID OEMR | Marissa Warren, ID OEMR |
| Fred Heutte, NWECC | Kishore Patel, PacifiCorp | |
| Alan Hockenson, KBT Energy | Ron Schellberg, NTTG | |