Commercial Assessment Update
6/26/2018
Agenda

<table>
<thead>
<tr>
<th>TIME</th>
<th>TOPIC SUMMARY</th>
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<tbody>
<tr>
<td>2:15 – 3:00 PM</td>
<td>Commercial Assessment Update provided by Abbey Nulph</td>
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<tr>
<td>5 mins</td>
<td>Share feedback received during the recent comment period on the proposed changes to the long term ATC Methodology</td>
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<tr>
<td>5 mins</td>
<td>Timeline for the final version of the ATC and AFC Methodologies for the Planning Time Period, V14 document</td>
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<tr>
<td>5 mins</td>
<td>Provide a status update on BPA’s Transmission Integrated Planning Process (TIPP) Update</td>
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<tr>
<td>30 mins</td>
<td>Describe the Commercial Assessment plan and what you can expect</td>
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What did we hear?

• The Public Power Council, Network Customer Group, and Clark Public Utilities indicated support for the proposed changes to the long term ATC Methodology, especially that BPA expects to encumber capacity for accepted forecasts of both load growth and resources.

• The Northwest & Intermountain Power Producers Coalition submitted several comments/questions:
  – Why was this topic included as part of the TC-20 process?
  – Supportive of the switch from a 1% load growth factor to performance of a 5 and 10 year studies.
What did we hear (cont.)?

Avangrid, Avista, Idaho Power, PacifiCorp, Portland General Electric, and Puget Sound Energy submitted several comments:

• Desire for clarity on how ATC is encumbered for NT forecasts.

• Desire for long term ATC Methodology uncertainty margin to be released to the short term firm market, rather than only to the non-firm.

• Requested clarity on:
  – Definition of “Planning ETC”;
  – Which load forecasts are used within the long term ATC calculations; and
  – Generation scenarios modeled within the long term ATC calculations.

• Reinforced that BPA should not make changes to the ATC Methodology without a workshop and comment period.
TIPP Timeline

- Long Term ATC Base Case Update (July)
- Commercial Assessment (Aug thru Oct)
- Post-Queue Restack Commercial Assessment (Nov thru Dec)
- Cluster Study (Jan thru Apr)
- Queue Restack (early Nov)

Timeline:

- Jun18: Proposed Model Inputs Finalized
- Jul18: Initial Cluster Study Notice
- Aug18: Final Cluster Study Notice and Window Closes
- Sep18: Customer Meeting on Updated ATC Values
- Oct18: Cluster Study Agreements Due
- Nov18: Cluster Study Begins
- Dec18: Cluster Study Complete

Pre-Decisional. For Discussion Purposes Only.
Commercial Assessment

BPA will begin use of the updated long term ATC values in August to process the long term transmission service requests (TSRs) using both:

• The PTDF calculation described in section 8 of the *ATC and AFC Methodologies for the Planning Time Period, V14* document; and

• An updated study-based methodology, referred to as the “Commercial Assessment” which will be described in the *Long-Term Firm Queue: Evaluation of Requests and Offer of Service, V16* business practice and posted in redline to solicit public feedback.
The Commercial Assessment will take into consideration all known information about each TSR; for example:

- Status of generator interconnection and/or historical generation patterns

- Nature of the load to be served

- Duplicative requests that may be present in the queue (e.g., multiple TSRs bidding on same RFP (request for proposal))
Our expectation is that this study-based approach will result in some offers of transmission service made possible without infrastructure upgrades

• Any such offers of transmission service will be made between August and December this year

• Any TSRs that can’t be offered service through the Commercial Assessment by October 15th will be offered Cluster Study agreements, to identify Plan(s) of Service necessary to offer service
Next Steps

• BPA staff plan to provide written responses to all comments submitted on the long term ATC Methodology no later than July 13th. The final *ATC and AFC Methodologies for the Planning Time Period, V14* will be posted at that time.

• The redlined *Long-Term Firm Queue: Evaluation of Requests and Offer of Service, V16* business practice will be posted for public comment no later than July 13th. Please watch for a Tech Forum e-mail and contact us if you have any questions
  – Ravi Aggarwal: rkaggarwal@bpa.gov or (360) 619-6056
  – Abbey Nulph: ajnulph@bpa.gov or (360) 619-6952