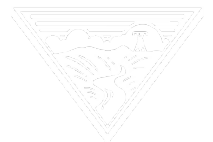


# **BP-24 Rate Case & TC-24 Tariff Proceeding Workshop: Kickoff and Topics**

April 27, 2022



# Agenda

TIME*	TOPIC	Presenter
9:00 to 9:10 a.m.	Introduction, Meeting Protocols and Agenda	Rebecca Fredrickson Daniel Fisher
9:10 to 9:30 a.m.	BP/TC Recap and Planning Timeline	Rebecca Fredrickson
9:30 to 10:00 a.m.	BP/TC-24 Pre-proceeding Workshops and Topics	Miranda McGraw Daniel Fisher Melanie Bersaas
10:00 to 10:30 a.m.	BP-24 Topic - Gen Inputs: Operating Reserves with Western Power Pool (WPP)	Derrick Pleger
10:30 to 10:45 a.m.	<b>Break</b>	
10:45 to 11:30 a.m.	TC-24 Topic - Conditional Reservation Deadline for Daily Firm PTP	Mike Steigerwald
11:30 to 12:30 p.m.	<b>LUNCH</b>	
12:30 to 2:00 p.m.	TC-24 Topic - Attachment C: Long-Term ATC	Abbey Nulph
2:00 to 2:30 p.m.	Wrap-up and Next Steps	

*\* Times are approximate*

# **BP-24 and TC-24 Kickoff**

# BP/TC-22 Lessons Learned Survey Recap

## Process Feedback:

- Cadence useful for customers, challenging for BPA staff
- Work to spread issues out and start larger topics earlier
- Requested more BPA staff content preparation for customer-led meetings

## Technology Feedback:

- WebEx platform worked for virtual meetings
- Enabling screen sharing within WebEx might be useful
- Consider recording workshops (not viable in Rates process)

## Customer Feedback

## Virtual Environment Feedback:

- Some interest in “networking” breaks in agenda, while others do not
- Encouraged to continue virtual options as a priority, even if in-person meetings are allowed

## Communication Channels Feedback:

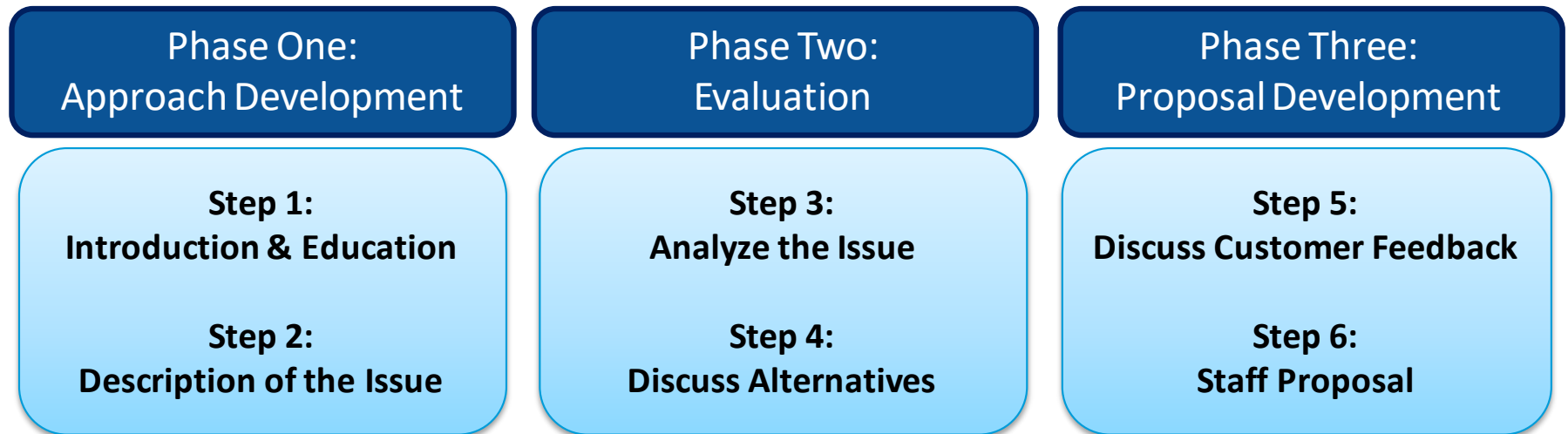
- Chat function in WebEx is useful for asking questions
- Increase prompts for when and how stakeholders can unmute to ask questions
- Focus on outreach to customers through AEs

# Going Forward – Applying Lessons Learned

- We will continue our cadence of monthly workshops, with a customer-led option following each one.
- We will continue to use the six step process on applicable issues.
- Routine issues and other forecasting assumptions (i.e., Revenues, LGIA, etc.) will not go through the full six step process.
- We are looking into options for providing in person discussions, when warranted and safe to do so.
- For virtual/hybrid workshops we will continue to use WebEx.

# Approach to Customer Engagement

Most identified issues will be presented according to the following process at workshops (multiple steps might be addressed in a single workshop):

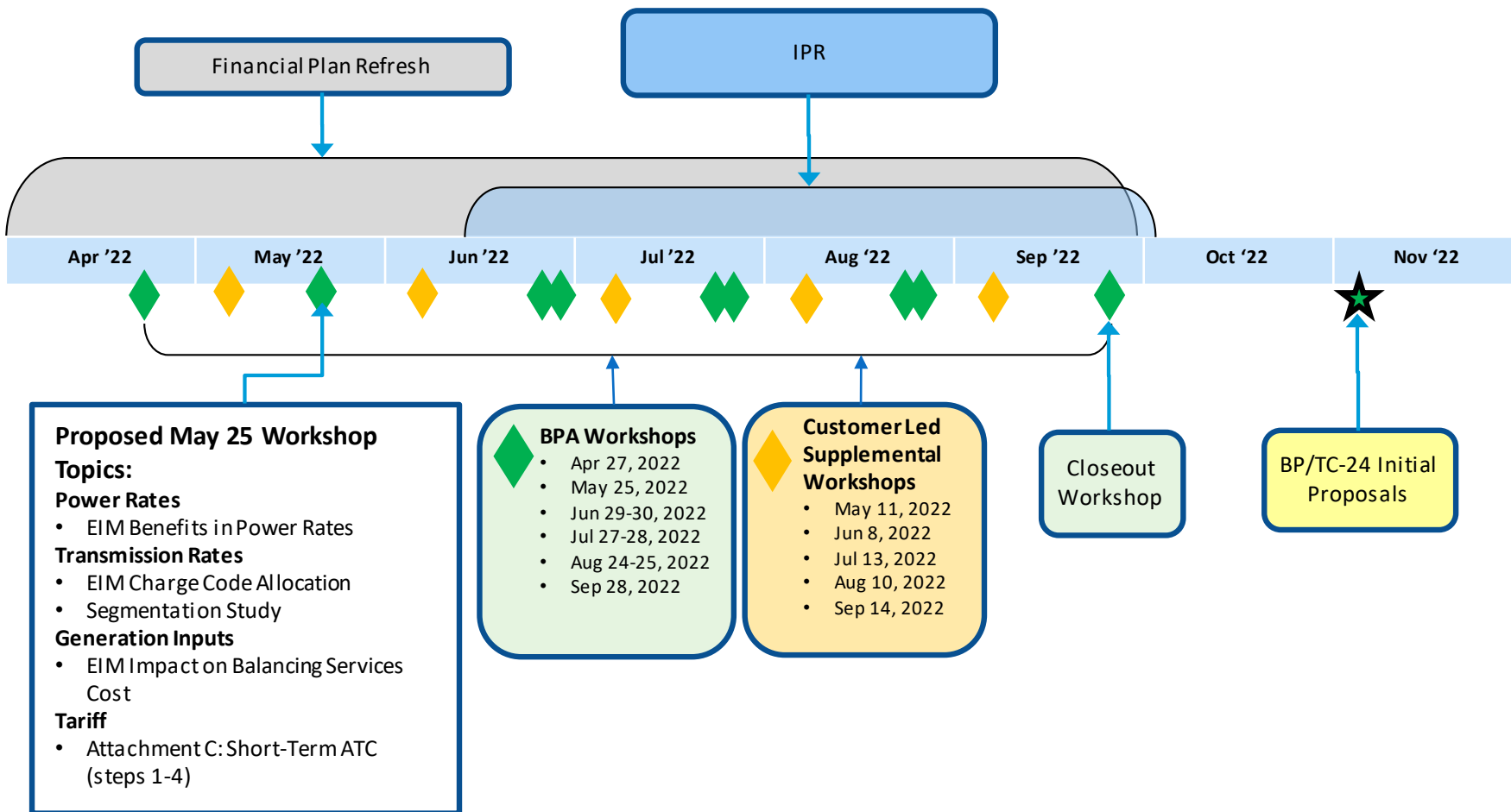


- Teams will follow the steps that may be covered in one workshop or more based on the complexity of the issue.

# Customer Led Workshops

- Within one week after every workshop, customers can request a Customer Led workshop that would focus on topics presented in the previous workshop.
- Customers should provide the topic and estimated time needed for discussion with BPA SMEs.
- BPA will not create new content – this is an opportunity to ask further questions on materials previously presented.
- Opportunities for customers to present on topics of interest, where BPA will be in listening mode.

# BP/TC-24 Pre-Proceeding Timeline





# **BP/TC-24 Pre-proceeding Workshops and Topics**

# BP-24 Principles

- Full and timely cost recovery.
- Lowest possible rates consistent with sound business principles (statutory requirement).
- Cost causation – fairly allocate costs to customers based on proportionate use.
- Statutory requirement of equitable allocation.
- Simplicity, clarity, transparent public process, and feasibility of application and implementation.
- Balance/consider overall rate shock and rate stability from rate period to rate period.

# TC-24 Principles

- Maintain a tariff that is consistent with the FERC *pro forma* tariff to the extent possible.
- BPA will consider differences from the FERC *pro forma* tariff if the difference is necessary to:
  - Implement BPA’s statutory and legal obligations, authorities, or responsibilities;
  - Maintain the reliable and efficient operation of the federal system;
  - Prevent significant harm or provide significant benefit to BPA’s mission or the region, including BPA’s customers and stakeholders; or
  - Align with industry best practice when the FERC *pro forma* tariff is lagging behind industry best practice, including instances of BPA setting the industry best practice.

# Power Rates Topics for BP-24

- EIM Benefits in Power Rates
- Unauthorized Increase (UAI) Charge
- Tier 2 Rates
- Washington Cap-and-Invest Program

## Standard workshop topics

- Loads & Resources
- Gas & Market Price Forecast
- Transfer Service

# Transmission Rates Topics for BP-24

- Standard workshop topics
  - Segmentation
  - Sales/Load Forecast Update
  - LGIA
- New workshop topics
  - EIM Charge Code Allocation
  - Eastern Intertie Process Update (BP-22 Settlement Commitment)

# Generation Inputs Topics for BP-24

- Operating Reserves with Western Power Pool (WPP)
- Persistent Deviation / Intentional Deviation Review
- VERBS, DERBS, and Load Balancing Services (BP-22 Settlement Commitment)
- EIM Impact on Balancing Services Cost
- Load Reliability Service
- Losses
  - Power's Capacity cost of providing losses (potentially)
  - Cost Recovery of Losses

# Agency Topics for BP-24

- Revenue Requirements
  - Implementation of 2022 Financial Plan Refresh
- Risk

# Tariff Topics for TC-24

- Attachment C: Short-Term ATC
- Attachment C: Long-Term ATC
- Conditional Reservation Deadline for Daily Firm PTP
- Generator Interconnection Process (LGIP/SGIP)
- Monthly Loss Factors on the Network Segment
- Utility and DSI Delivery Losses

## Inform Only

- Miscellaneous Tariff Clean-up
- Order 881: Transmission Line Ratings
- EIM Resource Sufficiency



# BP-24 & TC-24 Workshops: Proposed Dates for Rate and Tariff Topics

Date	Rate/Tariff Topics
April 27 (Wed)	<p><b>Generation Inputs</b></p> <ul style="list-style-type: none"> <li>• Operating Reserves with Western Power Pool (WPP)</li> </ul> <p><b>Tariff</b></p> <ul style="list-style-type: none"> <li>• Attachment C: Long-Term ATC (steps 1-5)</li> <li>• Conditional Reservation Deadline for Daily Firm PTP (all steps)</li> </ul>
May 25 (Wed)	<p><b>Power Rates</b></p> <ul style="list-style-type: none"> <li>• EIM Benefits in Power Rates</li> </ul> <p><b>Transmission Rates</b></p> <ul style="list-style-type: none"> <li>• EIM Charge Code Allocation</li> <li>• Segmentation Study</li> </ul> <p><b>Generation Inputs</b></p> <ul style="list-style-type: none"> <li>• EIM Impact on Balancing Services Cost</li> </ul> <p><b>Tariff</b></p> <ul style="list-style-type: none"> <li>• Attachment C: Short-Term ATC (steps 1-4)</li> </ul>
June 7 (Tues)	<ul style="list-style-type: none"> <li>• <i>RHWM Process Workshop</i></li> </ul>

# BP-24 & TC-24 Workshops: Proposed Dates for Rate and Tariff Topics (cont.)

Date	Rate/Tariff Topics
Jun 14-16	<ul style="list-style-type: none"> <li>• <i>IPR (pre-rate case process)</i></li> </ul>
Jun 29-30 (Wed-Thu)	<p><b>Power Rates</b></p> <ul style="list-style-type: none"> <li>• EIM Benefits in Power Rates</li> <li>• Unauthorized Increase (UAI) Charge</li> <li>• Tier 2 Rates</li> </ul> <p><b>Transmission Rates</b></p> <ul style="list-style-type: none"> <li>• Eastern Intertie Process Update (BP-22 Settlement Commitment)</li> </ul> <p><b>Generation Inputs</b></p> <ul style="list-style-type: none"> <li>• EIM Impact on Balancing Services Cost</li> <li>• Load Reliability Service</li> <li>• Losses                             <ul style="list-style-type: none"> <li>• Power’s Capacity cost of providing losses (if needed)</li> <li>• Cost Recovery of Losses</li> </ul> </li> </ul> <p><b>Tariff</b></p> <ul style="list-style-type: none"> <li>• Attachment C: Long-Term ATC (steps 4-5)</li> <li>• Generator Interconnection Process (steps 1-4)</li> <li>• Utility and DSI Delivery Losses (all steps)</li> <li>• Monthly Loss Factors on the Network Segment (all steps)</li> </ul>

# BP-24 & TC-24 Workshops: Proposed Dates for Rate and Tariff Topics (cont.)

Date	Rate/Tariff Topics
Jul 27-28 (Wed-Thu)	<p><b>Agency (P&amp;T)</b></p> <ul style="list-style-type: none"> <li>• Revenue Requirements</li> <li>• Risk</li> </ul> <p><b>Power Rates</b></p> <ul style="list-style-type: none"> <li>• UAI and Tier 2 follow-up (if needed)</li> <li>• Transfer Service</li> <li>• Washington Cap-and-Invest Program</li> </ul> <p><b>Transmission Rates</b></p> <ul style="list-style-type: none"> <li>• Sales Forecast (includes LGIA Forecast and Load Forecast)</li> </ul> <p><b>Generation Inputs</b></p> <ul style="list-style-type: none"> <li>• Persistent Deviation/ Intentional Deviation Review</li> <li>• VERBS, DERBS, and Load Balancing Services (BP-22 Settlement commitment)</li> </ul> <p><b>Tariff</b></p> <ul style="list-style-type: none"> <li>• Attachment C: Short-Term ATC (steps 5-6)</li> <li>• EIM Resource Sufficiency (inform)</li> <li>• Order 881: Transmission Line Ratings (inform)</li> </ul>

# BP-24 & TC-24 Workshops: Proposed Dates for Rate and Tariff Topics (cont.)

Date	Rate/Tariff Topics
Aug 24-25 (Wed-Thu)	<p><b>Power Rates</b></p> <ul style="list-style-type: none"> <li>• Loads &amp; Resources</li> <li>• Gas &amp; Market Price Forecast</li> <li>• Secondary Revenue Forecast</li> </ul> <p><b>Transmission Rates</b></p> <ul style="list-style-type: none"> <li>• EIM Charge Code Allocation</li> </ul> <p><b>Generation Inputs</b></p> <ul style="list-style-type: none"> <li>• Losses                             <ul style="list-style-type: none"> <li>• Power’s Capacity cost of providing losses (if needed)</li> <li>• Cost Recovery of Losses</li> </ul> </li> <li>• Load Reliability Service</li> </ul> <p><b>Tariff</b></p> <ul style="list-style-type: none"> <li>• Attachment C: Long-Term ATC (steps 5-6)</li> <li>• Generator Interconnection Process (steps 5-6)</li> <li>• Proposed Draft Tariff (redline), including miscellaneous clean-up</li> </ul>
Sept 28 (Wed)	Workshop Close-out and Summary of Staff Leanings

Meeting topics and workshop dates are subject to change. Please check the [BPA Event Calendar](#) for the most up-to-date information.

# Proposed Procedural Schedules

	BP-24	TC-24
Federal Register Published (estimated)	Nov 10	Nov 10
Pre-Hearing Conference/BPA Direct Case	Nov 17	Nov 17
Clarification of BPA's Direct Case	Dec 7-8	Dec 6
Parties File Direct Cases	Jan 24	Jan 20
Litigants File Rebuttal	Mar 7	Mar 1
Cross Examination	Apr 6-7	Mar 23-24
Initial Briefs	Apr 25	April 13
Hearing Officer's Recommendation	n/a	May 23
Draft ROD	Jun 13	Jun 23
Briefs on Exceptions	Jun 27	Jul 7
Final ROD	Jul 26	Jul 26

Preliminary proposal subject to change.

# BP-24 Topics

- Gen Inputs: Operating Reserves with Western Power Pool (WPP)

# **BP-24 Topic**

## **Gen Inputs: Operating Reserves with Western Power Pool (WPP)**

- Step 1: Introduction and Education
- Step 2: Description of the Issue

# Operating Reserves Issue

## *Current BP-22 GRSP Language:*

- For energy delivered, the generator shall purchase the energy at the hourly market index price, or the LMP at the closest point of interconnection **if BPA is in the EIM**, but not less than zero, applicable at the time of occurrence.

## *Issue for Evaluation:*

- The Western Power Pool (WPP) currently does not use EIM LMP's as a price index for clearing energy delivered as a result of a BAA's request for Operating Reserves (OR) from the WPP.
- Based on the language above, if BPA were to call upon OR from the WPP due to a generator (who is not a member of the WPP) dropping offline and within BPA's BAA (after BPA has joined the EIM), BPA would settle OR energy with that generator at the EIM LMP closest to the generator, but would receive a charge from the WPP at a different market index (currently PowerDex).



# Operating Reserves Issue (cont.)

## Who does this impact?

- This issue only impacts generators inside the BPABAA that are not a part of the WPP and are large enough to cause BPA to call upon OR for the WPP due to an unplanned outage.

## Why was this not addressed in BP-22?

- Staff did not discover the issue until after the Final ROD was issued.

## What are the expected impacts in BP-22?

- Based on available information BPA staff believes the financial impact to BPA and affected customers would be minimal.
- Historically, BPA does not call upon OR from the WPP often.
  - Customers impacted by the current GRSP language would be a subset of the Total MWHs shown in the table.
- If a WPP reserve share request was called upon for an affected customer
  - BPA staff expects the financial impact to be small based on the dollar amounts being limited to the delta between the two price indices.
  - There is also the possibility of the delta between indices benefiting either BPA or the customer financially, further limiting any one sided outcome due to current GRSP language.

	Total MWH RESERVE SHARE REQUEST		
	2019	2020	2021
Jan	0.05	0.05	0.11
Feb	263	91.78	0.05
Mar	0.11	72.75	0.04
Apr	0.06	0.07	40.39
May	8.75	29.44	30
Jun	101.21	202.66	0.62
Jul	0.06	1.17	0.05
Aug	0.06	0.08	173.65
Sep	206.98	227.05	0
Oct	0.06	58.43	
Nov	0.14	0.07	
Dec	0.05	0.33	
Total MWh	580.53	683.88	244.91

# Operating Reserves Proposed Update

## *BP-24 Proposed Language:*

- For energy delivered, the generator shall purchase the energy at the hourly market index price, or the LMP at the closest point of interconnection if BPA is in the EIM, but not less than zero, applicable at the time of occurrence. *If energy is provided through the WPP Reserve Sharing Program, the generator shall purchase the energy at the market index described in the WPP Reserve Sharing Agreement.*

## *What the new language provides:*

- The new language aligns the billing determinant (price indices) used by BPA and the WPP for settlement of OR when a WPP OR request is issued.

# TC-24 Topics

- Conditional Reservation Deadline for Daily Firm PTP
- Attachment C: Long-Term ATC

# **TC-24 Topic Conditional Reservation Deadline for Daily Firm PTP**

# Summary

- Propose to eliminate a deviation from *pro forma* in Section 13.2(iv) related to the Conditional Reservation Deadline (CRD) for Daily Firm PTP service.
- It is currently set at 1 AM.
- *Pro forma* and the industry practice is set at 12 AM (the start time of Daily Firm service).
- The deviation is no longer necessary.

# Background on Tariff Section 13.2

- Establishes the process known as Preemption and ROFR.
  - It is a process where a higher-priority request can challenge a lower-priority request or reservation for confirmed capacity.
- This challenge can only occur up until a “safe” point in time: the Conditional Reservation Deadline.
  - Beyond this time, a confirmed reservation can no longer be challenged (*i.e.*, unconditional).

# Background on the Deviation

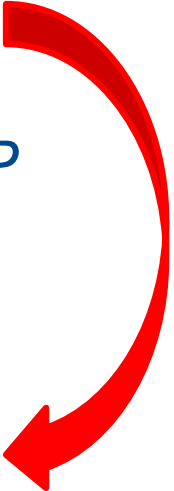
- Introduced in 2012-13.
- The Preemption process only ran from midnight to noon Monday through Friday.
- This schedule prevented NT requests from having appropriate reservation priority.
- The 1 AM time was a compromise between NT and PTP customers to allow a last opportunity for NT to preempt Daily Firm PTP before it becomes unconditional.

# Example: Initial 2012 Timing Problem

- 12:00pm: Preemption process goes inactive.
- 3:45pm: NT request is queued challenging Daily Firm PTP. *Challenge goes on-hold until midnight.*
- 12:00am: Daily Firm PTP goes unconditional.
- 12:00am: Preemption process becomes active.
  - NT challenge is processed. *However, the Daily Firm PTP reservation is now unconditional and can no longer be challenged.*



# Example: 2012 Compromise

- 12:00pm: Preemption process goes inactive.
  - 3:45pm: NT request is queued that challenges Daily Firm PTP. *Challenge goes on-hold.*
  - 12:00am: Preemption process becomes active. NT challenge is now processed.
    - *Because of the 1 AM compromise, the Daily Firm PTP is still vulnerable for one extra hour. The NT request preempts the Daily Firm PTP reservation.*
  - 1:00am: Daily Firm PTP goes unconditional, but the preemption has already occurred.
- 

# New Preemption Standards

- New Preemption BP v4 implemented starting with Monthly service in Mar 2022.
  - Daily Firm PTP scheduled for May 2022.
- The Preemption process now runs 7x24 in accordance with NAESB v3.2 standards adopted in FERC Order 676-I.
- This means the 1 AM compromise is no longer necessary to ensure NT requests get reservation priority.

# Example: New Preemption Standards

- 12:00pm: Preemption process stays active all day.
- 3:45pm: NT request is queued that challenges Daily Firm PTP.
  - *Because the process is still active, the NT request can immediately preempt the Daily Firm PTP reservation.*
- 12:00am: Daily Firm PTP would go unconditional at midnight instead of 1 AM (under this proposal).
  - An NT request would be able to challenge any time leading up to midnight per industry practice.
- Takeaway: The 1 AM compromise is no longer necessary to secure NT reservation priority.

# Alternatives

1. Change Conditional Reservation Deadline for Daily Firm PTP from 1 AM back to midnight in Section 13.2(iv).
  - Aligns the time with *pro forma* and industry.
  - Little to no market impact.
  - Reason for deviation is now obsolete.
  - Uses slightly different language than *pro forma* because BPA retains the use of the WECC preschedule calendar per best practice in the west.
2. No change to 13.2(iv). Keep small deviation.

# Proposal

Change Section 13.2(iv). Daily Firm PTP would go unconditional:

- From: “at 1:00 a.m. of the preschedule day for daily service; one week before the commencement of weekly service; and one month before the commencement of monthly service”
- To: “one preschedule day before the commencement of daily service; one week before the commencement of weekly service; and one month before the commencement of monthly service”

# TC-24 Topic

## Attachment C: Long-Term ATC

- Step 1: Introduction and Education
- Step 2: Description of the Issue
- Step 3: Analyze the Issue
- Step 4: Discuss Alternatives
- Step 5: Discussion of Customer Feedback (from previous forums)

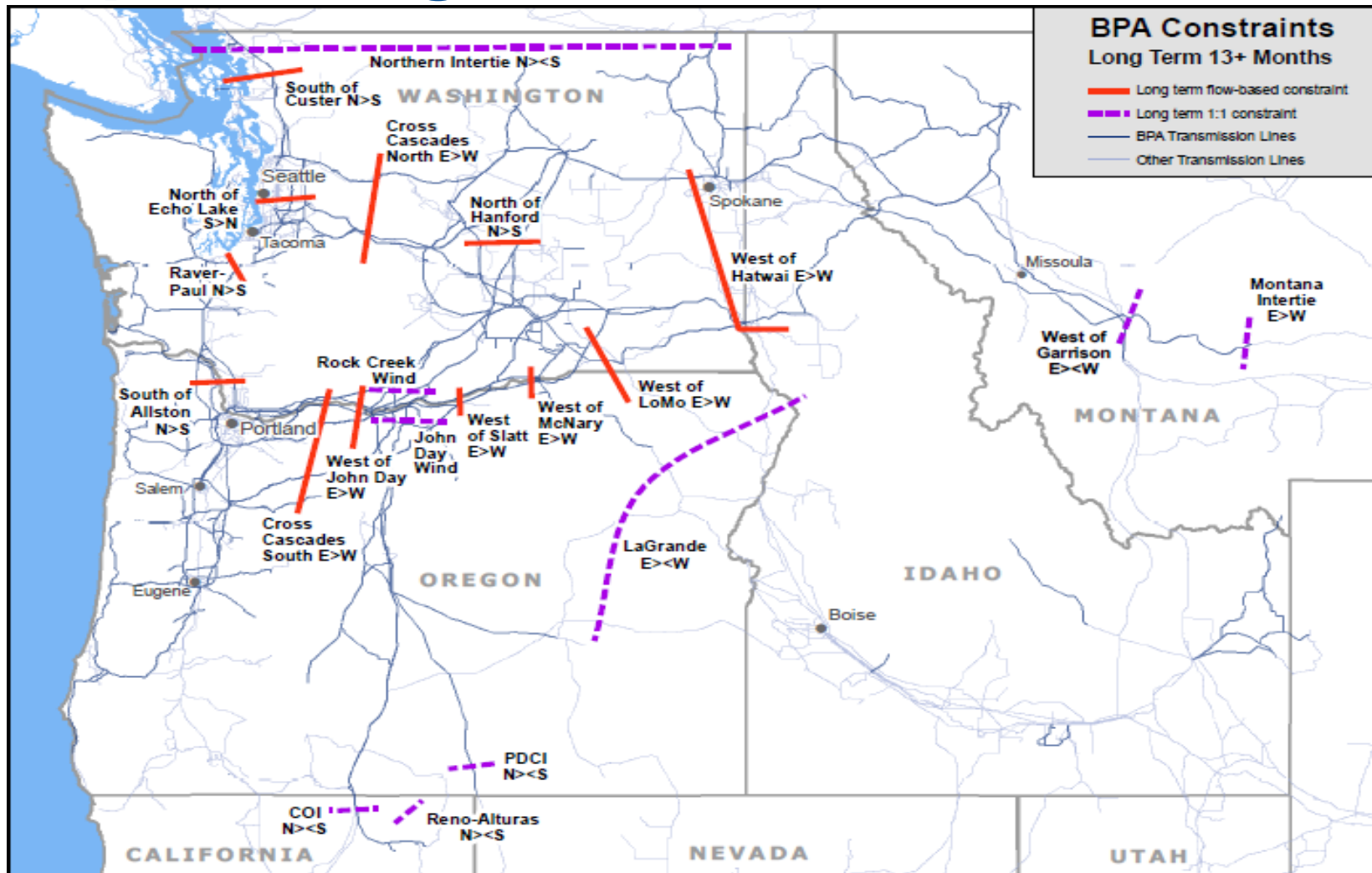
# Steps 1-2: Introduction and Education & Description of Issue

# Objectives

- BPA plans to cease calculation and posting of Long-Term (LT) ATC values for all flow-based constraints.
  - LT ATC postings will remain for all 1:1 constraints.
  - Short-Term (ST) ATC postings will remain for all constraints.
- This will require an update to BPA's Open Access Transmission Tariff (OATT) Attachment C.



# Map of Long-Term Constraints



Also available at: <https://www.bpa.gov/-/media/Aep/transmission/atc-methodology/atc-long-term-constraints.pdf>

# Customer Comment or Concerns

- When this was initially announced in the August 2017 *Pro Forma* Gap Assessment (PFGA) workshops, customers and interested parties expressed a desire for:
  - Metrics to determine how well the LT ATC was meeting objectives; and
  - A demonstration of tools designed to provide clear information regarding Transmission System congestion.

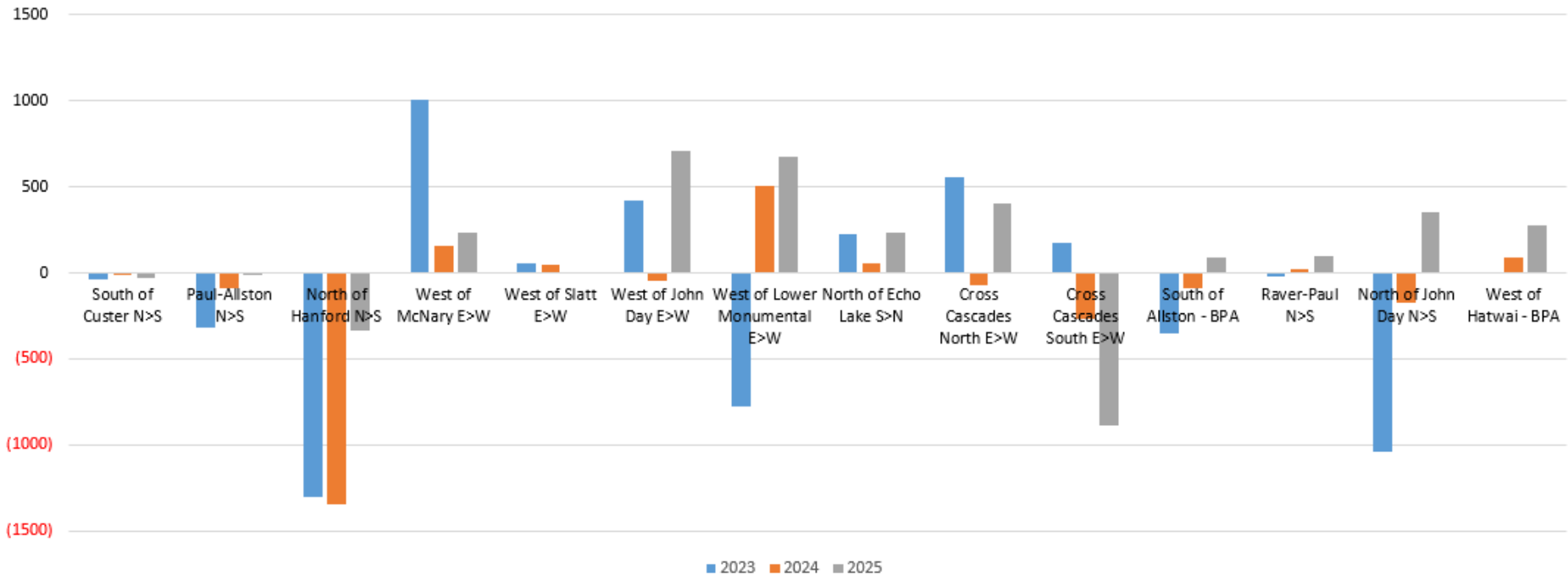
# Progress to Date

- November 2020, BPA staff released the [Long-Term Inventory Maps](#), designed to provide a visual display of the commercial transmission availability based upon most recently conducted Needs Assessment studies.
- December 2020, ATC metrics were established.
- May 2021, BPA staff provided:
  - A description of the Needs Assessment studies, performed as part of each TSEP, which identifies TSRs that can be awarded service without an upgrade and which require a plan of service for Transmission System upgrades.
  - ATC metrics data, along with BPA staff interpretation that there was no clear path to improving LT ATC calculations to bring them into alignment with the Needs Assessment.
- December 2021, BPA staff shared a proposal for evaluation of LT Transmission Service Requests (TSRs) and Network Integration Transmission Service (NT) forecasts without LT ATC.

# Step 3: Data and/or Analysis

# Metric #1- Long-Term ATC vs Needs Assessment [originally presented in May 2021]

**Most Limiting Needs Assessment Less LT ATC Values by Year**  
(Positive values indicate the Needs Assessment has more availability than the LT ATC)

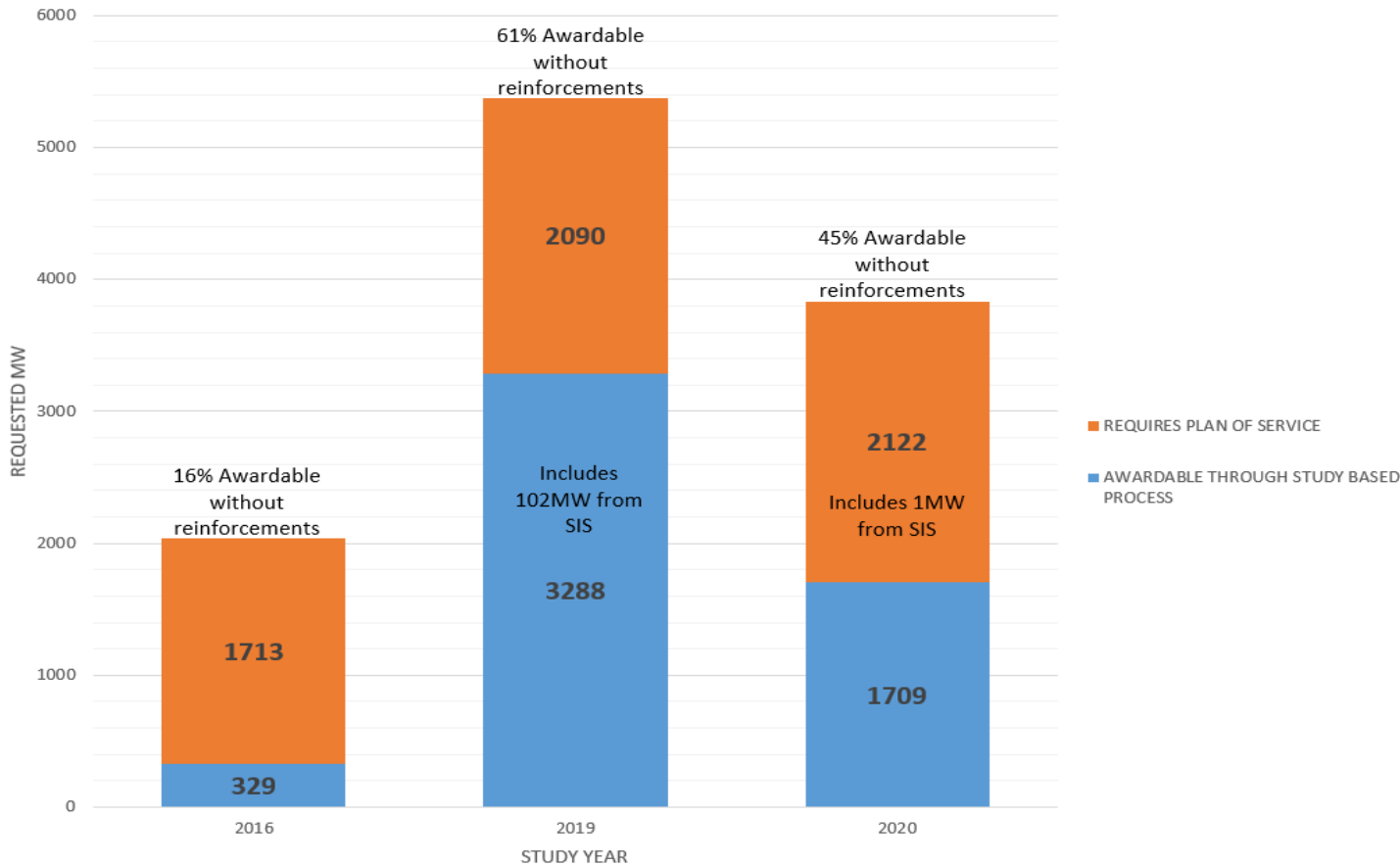


**Objective** – Track the magnitude of the difference between the posted LT ATC and Needs Assessment Study results.

**Key Takeaway** – There does not appear to be a correlation between these two values.

# Metric #2 – MWs Awarded via Studies [originally presented in May 2021]

#2 - MW Awarded via Study Processes Compared to Needing a Plan of Service

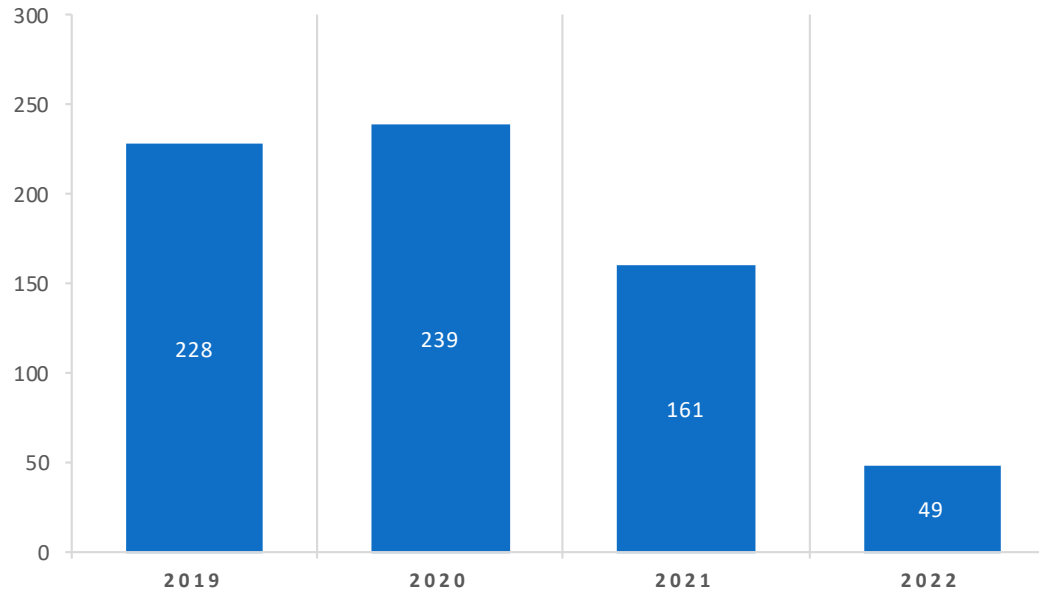


**Objective**  
Determine the number of MWs that were not offered via the LT ATC process, but were granted without upgrades being required via study-based process.

**Key Takeaway**  
The study-based processes have identified more MWs as awardable without an upgrade than the current LT ATC process.

# Metric #3 – What-If Requests

## PROCESSED WHAT-IF REQUESTS



**Objective** – Track the number of What-If requests. A reduction indicates increased use of the CTIM tool by customers.

**Key Takeaway** – Since the release of CTIM, the average number of What-If requests processed by the Reservation Desk has declined from an average of 20 per month to 13 per month.

# Step 4: Status Quo vs. BPA Proposal Alternatives



# Status Quo

## BPA continues to:

- Calculate and post ST ATC values for all constraints
- Calculate and post LT ATC values for all 1:1 constraints
- Perform the TSR Study & Expansion Process (TSEP)

## AND

- Calculate LT ATC values for the flow-based constraints
- Perform the LT ATC Base Case update
- Use LT ATC values to assess whether the Transmission System can accommodate impact(s) of new LT TSRs or NT forecasts

## AND

- Provide, maintain and update the Commercial Transmission Inventory Map (CTIM), informed by the Needs Assessment study, to allow interested parties to determine the potential impacts of a LT TSR or NT forecast on internal paths within BPA's Transmission System

# Proposal

- BPA will continue to:
  - Calculate and post ST ATC values for all constraints
  - Calculate and post LT ATC values for all 1:1 constraints
  - Perform the TSEP
- BPA will stop:
  - Calculation of LT ATC values for the flow-based constraints
  - Performing the LT ATC Base Case update
  - Use of LT ATC values to assess whether the Transmission System can accommodate impact(s) of new LT TSRs or NT forecasts
- BPA will begin to:
  - Provide, maintain and update the CTIM, informed by the commercial powerflow studies, to allow interested parties to determine the potential impacts of a LT TSR or NT forecast on internal paths within BPA's Transmission System
  - Perform of frequent commercial powerflow studies to assess whether the Transmission System can accommodate impact(s) of new LT TSRs or NT forecasts, similar to the Needs Assessment which is now performed as part of the TSEP Cluster Study
  - Regularly share study results to provide additional transparency

# Status Quo vs. BPA Proposal

Options	Status Quo	BPA Proposal
Calculate and post ST ATC values for all constraints	Yes	Yes
Calculate and post LT ATC values for all 1:1 constraints	Yes	Yes
Calculate of LT ATC values for the flow-based constraints	Yes	<b>NO</b>
Perform the TSEP	Yes	Yes
Perform the LT ATC Base Case update	Yes	<b>NO</b>
Use of LT ATC values to assess whether the Transmission System can accommodate impact(s) of new LT TSRs or NT forecasts	Yes	<b>NO</b>
Provide the CTIM, informed by studies, to allow interested parties to determine the potential impacts of a LT TSR or NT forecast on internal paths within BPA’s Transmission System	Yes	Yes <sup>1</sup>
Performance of frequent commercial powerflow studies to assess whether the Transmission System can accommodate impact(s) of new LT TSRs or NT forecasts, similar to the Needs Assessment which is now performed as part of the TSEP Cluster Study	<b>NO</b>	Yes
Regularly share study results to provide additional transparency	<b>NO</b>	Yes

<sup>1</sup> *This function would use new inputs*

# Limitations and Benefits

- Current Limitations
  - The LT ATC values are not well correlated with the Needs Assessment results
    - LT ATC is not a good reflection of BPA's ability to accommodate new LT TSRs or NT forecasts.
  - Scenarios and input assumptions cannot be updated without the delay of a public process
    - For example, if BPA staff realize during the annual LT ATC Base Case update that additional or different scenarios should be used to better inform the LT ATC values, they cannot do so until the next annual update.
- Future Benefits
  - Commercial powerflow studies will be very similar to the Needs Assessment, so BPA staff anticipate strong correlation between the results of these two studies.
  - Scenarios and input assumptions can be updated immediately
    - Customers would be informed of any changes through the posted commercial powerflow study report (via Tech Forum).
  - CTIM tool updated more frequently.

# Step 5: Customer Feedback and BPA Response

# Feedback from Last Workshop

- During the December 7, 2021 workshop, BPA staff opened a comment period and asked:
  - Do customers support BPA's proposal? If not, why?
  - Do customers foresee any cons to BPA's proposal? If so, please explain.
  - What sorts of data customers believe would provide sufficient transparency into the commercial powerflow studies?
- Three sets of comments were received:
  - One supportive of the proposal, though no feedback provided on frequency of commercial powerflow studies
  - Another supportive of the proposal with feedback that quarterly results of commercial powerflow studies would be desirable
  - One opposed to the proposal, citing concerns with transparency

# Alternatives for Frequency

- Commercial powerflow studies, used to evaluate whether LT TSRs or NT forecasts can be accommodated, to be performed:
  - Alternative A: At least quarterly (every three months) unless no TSRs are submitted in this timeframe
  - Alternative B: At least every other month unless no TSRs are submitted in this timeframe

# Alternatives for Transparency

Data on inputs and/or output of commercial powerflow studies to be shared:

- Alternative A: Publish modeling assumptions or inputs to the commercial powerflow studies, similar to what is currently provided with each long-term ATC Base Case update:
  - [2020 ATC Base Case 2025 Assumptions](#) (Effective 3/11/21)
  - [2020 ATC Generation 2025 Assumptions](#) (Effective 3/11/21)
  - [2020 ATC Base Case 2030 Assumptions](#) (Effective 3/11/21)
  - [2020 ATC Generation 2030 Assumptions](#) (Effective 3/11/21)
- Alternative B: Publish a commercial powerflow study report following each study
  - See example posted on the [BP/TC-24 Meetings & Workshops page](#)



# Feedback Requested

- Frequency (choose one alternative)
  - Would you prefer quarterly or bi-monthly commercial powerflow studies to determine whether new LT TSRs and/or NT forecasts can be granted service? If neither, what frequency would be preferable?
- Transparency (choose one or both alternatives)
  - Would the input and output data proposed provide sufficient transparency to the commercial powerflow studies? If not, what other information would you find useful?
- Is the CTIM tool providing value to you? Do you have any feedback on your experience(s) with this tool or suggestions for improvement?
- Please submit responses to the above questions or any aspect of this presentation by Wednesday, May 11 to [techforum@bpa.gov](mailto:techforum@bpa.gov) with a cc to your Transmission Account Executive, use “LARP” as the subject.

# Next Steps

- Please send any feedback **by Wednesday, May 11**, to BPA's Tech Forum at [techforum@bpa.gov](mailto:techforum@bpa.gov), with a cc to your Power and/or Transmission Account Executive.
- Request for May 11<sup>th</sup> Customer Led workshop due by Wednesday, May 4.