

Short-Term Available Transfer Capability (ST ATC) Updates

CBPI, July 15th, 2025



Agenda

1. Path Updates
 - a. Managed Operational Paths (MOPs)
 - b. Central Ferry MOP
 - c. North of Pearl (NOPE)
2. Modeling of Mid-Columbia Hydro Projects
3. Enhanced Network Curtailment Report
4. Wrap up

Managed Operational Paths (MOPs)

1. BPA has several constraints across its system that are managed in the real-time horizon
2. These constraints do not yet need full ATC paths for effective management
3. BPA will be referring to these areas as Managed Operational Paths (MOPs) going forward
4. Existing MOPs
 - a. South of Napavine, used for curtailments only to support the Northwest Washington Area Import Interconnection Reliability Operating Limit
 - b. Rock Creek – John Day, added in 2024 to manage the transmission system in the Goldendale area due to new generation additions in the area

MOPs (cont.)

5. BPA is in the process of adding these MOPs to the [Map of Short-term BPA Constraints](#)
6. MOPs will be given separate distinction from BPA's other ATC paths on the map
7. BPA will let customers know when this updated map is posted to the [ATC Methodology](#) site via a Tech Forum

Central Ferry MOP

1. BPA has identified the Central Ferry transformer as a possible constraint across BPA's system
2. BPA's analysis indicates a need to manage flows across the transformer during derates and to manage Conditional Firm Service (CFS) impacting this transformer
3. BPA plans to add Central Ferry as a MOP
4. BPA expects to add Central Ferry to its curtailment tools and OATI's Conditional Curtailment Option (CCO) module, which BPA uses to manage CFS, in Summer 2026

Central Ferry MOP (cont.)

5. BPA does not expect customers to see any impacts from the system configurations being made
 - a. Customers with CFS impacting this transformer will notice Central Ferry identified in the CCO module
 - b. Customers with service impacting the Central Ferry transformer will notice this MOP if the transformer is derated and curtailments occur
6. BPA will keep customers informed when/if a full ATC path is needed in this area

NOPE

1. System upgrades to the NOPE ATC path are in flight and occurring in phases
2. Phase I bifurcated the Pearl-Sherwood #1 and #2 230-kV lines and is completed
3. Phase II work is in flight and being managed by Portland General Electric
 - a. This phase covers the reconductoring and bifurcation of the McLoughlin-Pearl-Sherwood #1 230-kV line (work is not expected to be finished in Summer 2026)
4. Although BPA is not performing this work and cannot speak to the details/timelines, the NOPE TTC is being kept current in BPA's OASIS to reflect any outages arising from this work
 - a. BPA's ATC Implementation Document (ATCID) will also be updated as the NOPE path definition evolves due to these upgrades

Modeling of Mid-Columbia Hydro Projects

1. The Mid-Columbia hydro projects are Priest Rapids, Rock Island, Rocky Reach, Wanapum and Wells
2. In BPA's base Existing Transmission Commitment (ETC) heavy load studies, the generation levels for these hydro projects are set at the 95 percent of their historical output by **season**
3. Starting with the October 2026 studies and going forward, BPA will be setting the generation levels for these hydro projects at the 95 percent of their historical output by **month**
4. BPA is making this change so that our assumptions for these projects match the granularity of our monthly ETC base cases

Modeling of Mid-Columbia Hydro Projects

5. The methodology of how these values are determined is not changing
 - a. Historical data will still be used and the generation values determined in the same manner, with the granularity being the only change
6. The ATCID will be updated before these changes are implemented.
 - a. The ATCID incorrectly states BPA sets generation levels at the 90 percent of historical output by season. This is a typo, as BPA has been using the 95 percent values, and will be corrected when the ATCID is updated.

Enhanced Network Curtailment Report

1. BPA is enhancing the Network Curtailment report for customers
2. This report will contain more specific information on BPA's network curtailments, including such details as Path MW Sum by Priority and Year
3. BPA will issue a Tech Forum when the enhanced report is posted
 - a. The current report will be retired one month after the enhanced report is posted
 - b. The Tech Forum will include the retirement date of the current report

Wrap up

1. Comments on today's update are due close of business on Wednesday, July 29th, 2026
2. Please send Questions/Comments to techforum@bpa.gov, with a copy to your Account Executive