

# Long-Term Available Transmission Capability (ATC) Metrics Update

December 16, 2020

# LT ATC Metrics

- Based on feedback received, customers supported proposed LT ATC metrics
- BPA will begin collecting data to track and analyze metrics
- As a reminder the metrics were as follows:

# LT ATC Metrics

## **Metric #1: ATC vs Needs Assessment**

- Posted LT ATC numbers will be compared to the needs assessment study BPA uses to identify deficient flowgates in its System Impact/Cluster Studies

## **Metric #2: MWs Not Awarded**

- MWs not awarded based on posted ATC, compared to MWs found not to need a plan of service as a result of the cluster study

# LT ATC Metrics

## Metric #3: “What-If” vs Transmission Inventory Map

- Measure the “what-if” scenarios that are processed by BPA over time to see if the Commercial Transmission Inventory Map has an impact

## Metric #4: Conditional Firm Quality

- Assess whether conditional curtailment events align with the conditional curtailment definitions

# Next Steps

- BPA will begin the data gathering and analysis process
- As a reminder, the timelines for the metrics will be:
  - Metric 1 will be applied to the latest LT ATC Base Case update, just released on November 4, 2020
  - Metric 2 will be applied to conclusion of the next Cluster Study, currently scheduled to conclude in the May/June 2021 timeframe
  - Metric 3 – BPA will monitor the number of ‘What-if’ requests it receives over time
  - Metric 4 - BPA will produce a summary of CFS curtailments data.
  - Where possible, BPA will back-cast these metrics to previous cluster studies or LT ATC releases, to collect additional data
- BPA will share results of the analysis next year