

# Update on Interim SOA Service

December 6<sup>th</sup>, 2017



# Interim SOA Service Agenda

- Overview
- Commercial Approach for SOA
- PTP Service Overview
- NT Service Overview
- Stop Firm Sales
- Technical Conference

# Commercial Approach for SOA

- In May 2017, BPA made a decision not to build the I-5 Corridor Reinforcement Project
- Under section 20 of the tariff, BPA must identify alternatives to this build for previously studied TSRs
  - Alternatives may include non-firm transmission service
  - BPA proposes to offer conditional firm which FERC has defined as a form of firm service

# Interim SOA Service Overview (PTP)

- BPA will offer Reassessment System Conditions Conditional Firm on SOA
  - BPA previously proposed to offer Bridge Conditional Firm service to requests that need SOA capacity
  - After further analysis of existing transmission service obligations and available capacity on the system, BPA is proposing to offer Reassessment Conditional Firm

## Interim SOA Service Overview (PTP cont.)

- Attributes of Reassessment CF service on SOA
  - Service may be reassessed every two years
  - System Conditions CF is tagged as NERC priority level 7
  - When defined system condition is in effect, tag will be curtailed at a NERC priority level 6
  - Customers not taking offer will be removed from queue
- Consistent with current policy, the existing Bridge CF will be converted to Reassessment CF. (section I.4.a. of [CF business practice](#))

## Interim SOA Service Overview (PTP cont.)

- Previously studied TSRs that need SOA capacity AND an additional plan of service:
  - Customers will need to sign and fund next stage study agreement to remain in the queue
  - Future cluster study will determine next steps for SOA capacity
- Customers taking service can participate in 2018 Cluster Study at current queue position to firm-up service
  - 2018 Cluster Study to provide cost estimates for SOA plans of service

# Interim SOA Service Overview (NT)

## NT Service with Conditions

- When providing forecast, BPA will work with customers to identify conditions that exist on our system at that time
- Between forecast and designation, BPA will continue dialogue with NT customers to refine forecasted need
- When providing resource designation, BPA will conduct a study to identify conditions that will eventually be memorialized in the contract



# Stop Firm Sales During High Flows

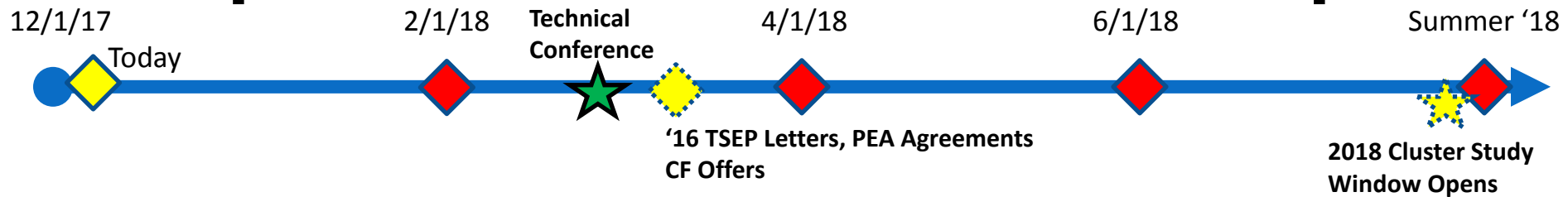
- Today, Dispatch has a tool to stop firm sales for real time reliability events across the system
- SOA pilot limited to number of occurrences and duration (10 occurrences up to 40 hours)
- BPA intends to stop firm sales when necessary to manage forecasted high flows on SOA, at preschedule



# Technical Conference in February

- BPA to convene a Technical Conference to discuss specifics of interim service over SOA in February 2018
- Continuing to analyze data based on new operational changes
  - New Peak RC Methodology (TTC v. SOL)
  - Real Time Reliability Assessment tools
- Will provide System Conditions on SOA that are risk informed using information such as
  - Coordinated transmission and generation outages with multiple owners as approved by Peak RC
  - Unknown impacts from generation participating in EIM
  - Historical and forecasted flow levels

# Proposed Timeline and Next Steps



- Technical Conference in February 2018
- Wrap-up 2016 TSEP with following actions (after Technical Conference):
  - TSEP letters will be sent out to all customers requiring SOA service
  - CF offers for those needing only SOA will be made
  - Next stage TSEP agreements for all other projects will be offered
- Cluster Study announcement will be made and window opened in Summer 2018
- Timeline for 2017 NT Dialogue wrap-up and 2018 NT Dialogue kick-off to be announced