

# NT Redispatch Project



# Background

- As a condition to receiving NT Service, NT Customers agree to the redispatch of designated Network Resources (DNR) – OATT sections 30.5 and 33.2.
- NT Redispatch is provided during congestion events to avoid curtailment of Firm NT transmission schedules.
  - NT Customers must redispatch their resources when requested by BPA; however,
  - NT Customer are not required to make redispatch available during all hours and the customer will be compensated for providing redispatch.
- Currently, under Attachment M of the Tariff, BPA provides redispatch only from Federal DNRs (the FCRPS).

# NT Redispatch Project - Description

- Under the NT Redispatch project, BPA is developing protocols and procedures for the provision of NT Redispatch from Federal and non-Federal DNRs.
  - Expansion of NT Redispatch program to include non-Federal DNRs.
- Expansion of the NT Redispatch program to include a subset of non-Federal DNRs (in addition to Federal DNRs) will contribute to BPA providing more effective NT Redispatch by avoiding curtailment of Firm NT transmission schedules during transmission congestion events.

# NT Redispatch Project - Drivers

- Reduction in FCRPS flexibility.
  - Due to increased non-power constraints placed on the FCRPS for flood control, fish and wildlife, navigation, recreation, and other special operations, the ability to move/adjust federal generation has become more limited since the original inception of Attachment M in 2001.
- Addition of non-Federal designated Network Resources to the NT Redispatch program will help contribute to maintaining reliable service to Network Loads during curtailments.

# NT Redispatch Project – Implementation Update

- BPA is currently working with customers on the development of protocols and procedures for the redispatch of DNRs, including non-Federal DNRs.
- DNRs will become part of the NT Redispatch program if they meet the following criteria:
  - *Effectiveness & Dispatchability* – Over a 10-minute period, effectiveness of 3 MW or greater on at least one flowgate; AND
    - DNRs may be exempted if customer can demonstrate that the resource is not dispatchable.
  - *Controllability* – Resource is either manned or generation levels can be adjusted remotely such that the ramp rates assumed in criteria #1 above are achievable; AND
  - *Cost* – Communications/equipment cost per MW of 10-minute effectiveness is less than the cost per MW of effectiveness of the estimated option premium for bilateral redispatch.

# Cross Project Impacts & Potential Customer Impacts

## ■ Cross Project Impacts

- NT Redispatch project is not anticipated to impact the identified projects.
- NT Redispatch is impacted by Managing Hourly Firm Sales in that there may be a decreased need for NT Redispatch due to decreased instances of Firm curtailments.
- NT Redispatch may be impacted by Delivery of 3<sup>rd</sup> party balancing reserves in that, although unlikely, added flows on the system due to these deliveries may lead to Firm curtailments, and thus NT Redispatch.

## ■ Potential Impacts on Customers

- Expansion of the NT Redispatch resource pool (by including a subset of non-Federal DNRs), will contribute to the maintenance of Firm NT transmission schedules during transmission curtailment events.
- NT Customer DNRs may be called upon to provide NT Redispatch.

# Proposed Timeline/Sequencing of Project

- Current timeline of project:
  - By end of December 2013, develop NT Redispatch protocols and procedures with customer input and prepare FERC filing.
- Proposed timeline of project:
  - Delay development of NT Redispatch protocols and procedures (and FERC filing) by 6 months, until June 2014.
  - Delay will permit NT Customers to engage in ACS Forum, Short-Term Competition and Preemption, and Managing Hourly Firm sales discussions.
  - BPA will re-engage with customers extensively in early 2014 on the development of protocols and procedures.