



Joint and Common Market

ORDER NUMBER 881

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Overview

- Current Transmission Line Ratings
- [Pro forma OATT](#) Attachment M
- Obligations of Transmission Provider
- Possible Impacted Processes
- Important Dates

Current Transmission Line Ratings

- **Seasonal ratings** are based on a static temperature assumption
 - Actual ambient air temperature
 - Actual temperature may be greater than or less than static temperature assumption
 - Resulting in lower or higher ratings

Current Transmission Line Ratings

Actual temperature < assumed temperature

- May result in higher ratings which unnecessarily restricts flows & potentially increases congestion cost

Actual temperature > assumed temperature

- May result in lower ratings which do not properly reflect near-term transfer capability of the system, creating potential reliability and safety problems

Current Transmission Line Ratings

- Do not accurately reflect near-term transfer limits and are unjust and unreasonable

FERC Order 881

Definitions

- Transmission Line Rating
- **Ambient-Adjusted Rating (AAR)**
- **Seasonal Line Rating**
- **Near-Term Transmission Service**
- Emergency Rating

Ambient-Adjusted Rating (AAR)

- Applies to a time period of not greater than one hour
- Reflects an up-to-date forecast of ambient air temperature across the time period to which the rating applies
- Reflects the absence of solar heating during nighttime periods where the local sunrise/sunset times used to determine daytime and nighttime periods are updated at least monthly, if not more frequently
- Calculated at least each hour, if not more frequently



Transmission Provider Obligations



Evaluation of Near-Term Transmission Service

The Transmission Provider must use AARs as the relevant Transmission Line Ratings when performing any of the following functions:

- Evaluating requests for Near-Term Transmission Service
- Responding to requests for information on the availability of potential Near-Term Transmission Service (including requests for ATC or other information related to potential service)
- Posting ATC or other information related to Near-Term Transmission Service to the Transmission Provider's OASIS site or another password-protected website

Curtail Firm/Non-Firm PTP Service

Transmission Service Periods

- AARs to be used on services anticipated to occur (start and end) within the next 10 days

Determination of curtailment services

- Network or secondary service or Redispatch or redispatch network or secondary service where related to flow limits on transmission lines and anticipated to occur (start and end) within 10 days of such determination

Transmission Line Ratings determining Redispatch

Pro Forma OATT (Section 30.5, 33)

- Network customer agrees to redispatch its Network Resources as requested by the Transmission Provider
- Redispatch of resources on a least cost, non-discriminatory basis between all Network Customers, and the Transmission Provider

Congestion Management Impacted Processes

Available Transfer Capability (ATC)

- Transmission Provider calculates ATC for each path, it uses the lesser of the ASTFC and AFC for each Flowgate. The most limiting Flowgate will set the ATC.

Available Flowgate Capability (AFC)

- Describes total leftover Flowgate Capability beyond already committed uses.

Available Share of Total Flowgate Capability (ASTFC)

- Describes capability leftover for each Transmission Provider after accounting for the Network and Native Load impacts as calculated by the Congestion Management Process.

Congestion Management Impacted Processes

Evaluation of Near-Term Transmission Service

- Transmission Provider calculates ATC for each path which is the lesser of ASTFC and AFC for each Flowgate.
- The most limiting Flowgate will set the ATC.

FERC Order 881 and Ambient Adjusted Ratings impacts to ASTFC is the focus of the Congestion Management Working Group.

Effective Date

Compliance due by July 12, 2025

CMPWG expects a path forward by the end of 2023



Contacts

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