



California ISO

# FERC Order No. 881 Compliance


Tariff Stakeholder Call

December 16 2024

## Housekeeping reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- These collaborative working groups are intended to stimulate open dialogue and engage different perspectives.
- Please keep comments professional and respectful.

## Instructions for raising your hand to ask a question

- If you are connected to audio through your computer, open the participant and chat panels on the bottom right.
- If you dialed in to the meeting, press \*3 to raise your hand. 
- Please remember to state your name and affiliation before making your comment.
- You may also send your question via chat to all panelists.

# The Commission has accepted the CAISO's Order No. 881 compliance filings

- Order issued April 20, 2023 accepting compliance filing
  - Including effective date on or before June 15, 2025, subject to filing a notice within 5 days of the actual effective date
- Order issued December 23, 2023 accepting further compliance filing
  - Revised definition of Transmission Line Ratings to specify that relevant transmission equipment may include, but is not limited to, circuit breakers, line traps, and transformers
  - Incorporate language in its tariff to state exceptions to the use of ambient adjusted ratings will be reevaluated at least every five years

## Additional revisions – communications protocols for submission of AARs

- On compliance we stated the CAISO will allow transmission owners to submit AARs through the use of SCADA or ICCP or a similar communications systems as identified in the CAISO's Business Practice Manuals or Operating Procedures
- We are now actively working to deploy CAISO's custom version of webLineR to support the submission of AARs as well as the use of ICCP in our Energy Management System

## Additional revisions – data access

- On compliance we proposed that persons that meet the requirements of Section 6.5.10.2 may obtain access to the database of Transmission Line Ratings and Transmission Line Rating methodologies
- We are now proposing to clarify that the database of Transmission Line Ratings, Transmission Line Rating methodologies, and related information will constitute Protected Data under Tariff Section 6.5.10.2

## Additional revisions – submission of AARs in advance of real-time market

- On compliance we proposed to require transmission owners to submit any AARs for use in the real-time market 5 hours before the applicable trading hour to ensure transmission line ratings remain constant over its short-term unit commitment process time horizon and throughout any subsequent real-time market processes
- We are now proposing to eliminate this timeline so that we may pull ratings closer to real-time and use a similar methodology in the day-ahead timeframe

## Additional revisions – fall back ratings

- On compliance we proposed that if we experience a data failure, the CAISO will use the seasonal ratings for the relevant transmission line for the applicable trading hour
  - Order No. 881 states that transmission providers should use the applicable seasonal rating if AAR is unavailable (Paragraph 180)
- In the event of a data failure, we are proposing a new fallback logic
  - EMS will use the last good ICCP rating for a period of time before switching to AARs from webLineR
  - If AAR data is not available, EMS will use seasonal ratings
  - RT markets will use last AAR received for the relevant trading hour or if none exists the seasonal rating
  - DA markets will immediately switch to seasonal ratings
- We are also proposing to clarify that ratings in the outage management system will control



## Additional revisions – EDAM Entities

- We are adding language to clarify we will accept ratings from EDAM Entities in addition to CAISO Participating Transmission Owners and EIM Entities

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