



California ISO

# FERC Order No. 881 Implementation

Stakeholder Call

April 8, 2025

# Housekeeping reminders

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- Meeting is structured to stimulate dialogue and engage different perspectives.
- Please keep comments professional and respectful.
- Please try and be brief and refrain from repeating what has already been said so that we can manage the time efficiently.

## 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.

# Agenda

Topic	Presenter
Welcome & introduction	Christina Guimera
CAISO Project Timeline Delays Discussion	Raja Thappetaobula/Andrew Ulmer/Robert Couch
Next steps	Christina Guimera

# CAISO/RCWEST FERC 881 Implementation Delays:

- CAISO/RCWEST is experiencing delays in FERC 881 implementation..
- Track1 and Track2 are in flight to be completed by June 2025.
  - **Track 1 – Real Time Reliability Applications**
    - Target Capability ready and working with TOP to start utilizing real time ICCP in June 2025
  - **Track 2 – Operational/EMS Model Data and Applications**
    - webliner product will be utilized for receiving Look ahead ratings.
    - Estimated - Target Capability to be ready June 2025
    - Current Implementation details for webliner will be discussed in later slides.
- **Track 3 – Market Application and RC Look Ahead Reliability Applications**
  - Delayed phased in implementation.
  - Filed at FERC additional tariff changes seeking for extension upto **December 17, 2026**

# The CAISO's filed additional tariff changes in connection with Order No. 881 in February 2025

- The filing addressed the following issues:
  - Communication protocols for the submission of transmission line ratings for use in the day-ahead and real-time markets;
  - Access to ratings used in the markets as well as participating transmission owners' transmission line rating methodologies;
  - Timing of when entities must submit ratings in advance of the day-ahead and real-time market;
  - Use of hourly and seasonal ratings, if hourly ratings become unavailable; and
  - Recognizing EDAM entities will submit hourly ratings for use in the day-ahead and real-time markets
- The CAISO requested the Commission to issue an order accepting the changes by April 15, 2025

# The CAISO filed a motion to extend the date to implement Order No. 881 requirements

- In its motion the CAISO requested:
  - an extension of time to implement its Order No. 881 tariff provisions **up to and including December 17, 2026**, subject to the CAISO filing a notice with the Commission 7 days before the actual effective date;
  - an extension of time **up to and including October 15, 2027** for the CAISO's participating transmission owners to implement their requirements under Order No. 881 and the CAISO tariff; and
  - An extension of time **up to and including October 15, 2027** for public utility transmission providers in EDAM and Western Energy Imbalance WEIM as Order No. 881 relates to their submission of ratings for use in the day-ahead and real-time markets administered by the CAISO
- The CAISO is targeting a date in **Q1/Q2 2026** for real-time and day-ahead market implementation
- The CAISO requested the Commission issue an order addressing its motion for extension by April 15, 2025

# CAISO RCWEST Compliance Phased In Implementation

## June 2025

CAISO/RCWEST EMS/EMNA/HANA applications can receive real time AAR ratings through ICCP. Only reliability apps and no markets usage. TOP can send AAR ratings

## June 2025

New webLineR tool will be ready to receive 240 hrs of AAR.

TR and webLineR will be ready to receive 4 seasonal ratings

TOP can send Seasonal and AAR ratings .

Monitor and evaluate ratings

## January 2026

FERC 881 code changes for real time markets into production.

Enable usage of AAR in EIM market for WEIM entities.

Entities can choose to enable usage of AAR in real time markets

## April 2026

FERC 881 code changes for Day ahead markets into production.

Entities that participate in both markets can choose to enable usage of AAR.

Enable Usage of AAR in Contingency Apps. Look ahead reliability applications.

## Dec 2026

Complete remaining compliance work. Nomograms and usage of AAR in RAS.

Usage of AAR in TTC calculations and post hourly ATC.

Seasonal COI and other Path Limits calculations.

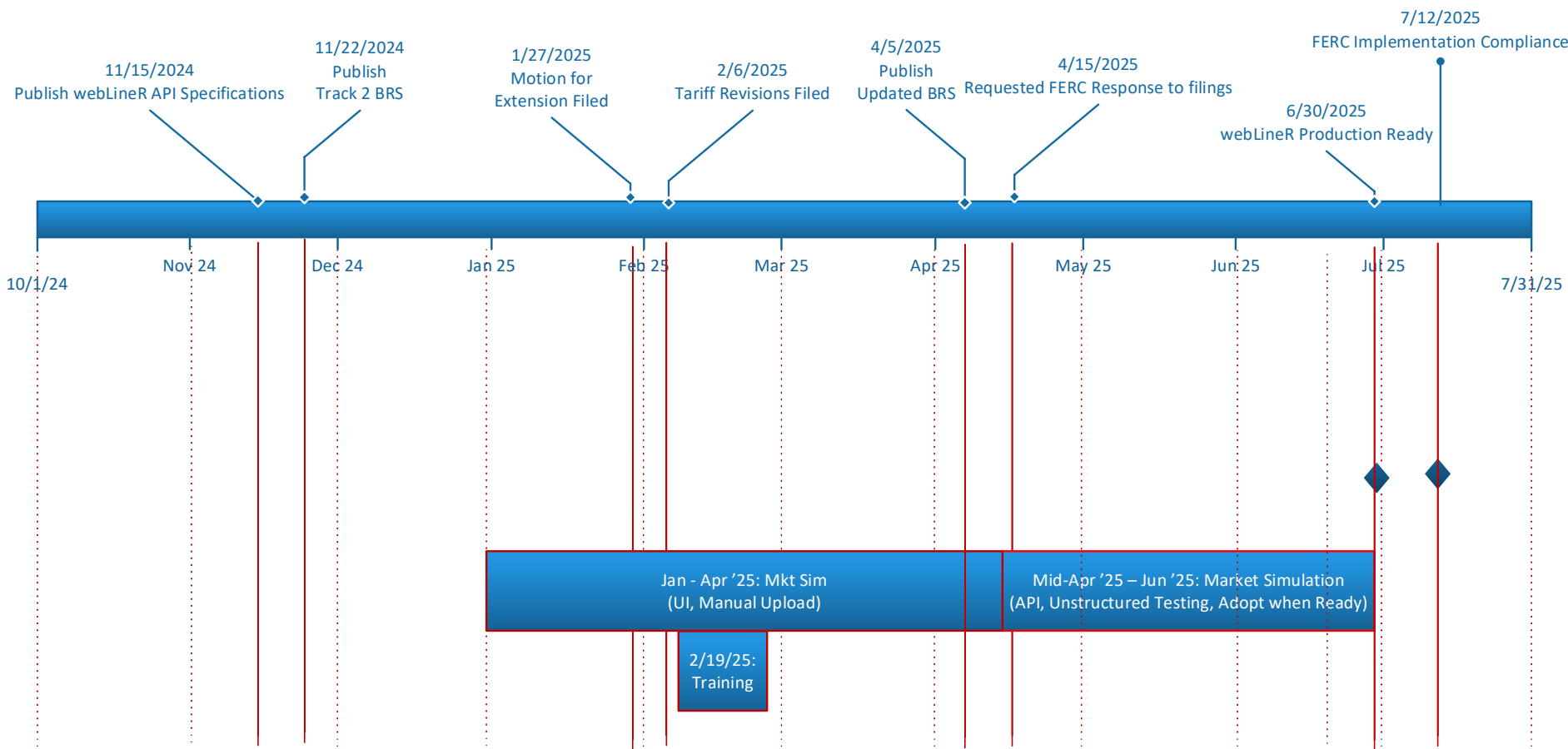


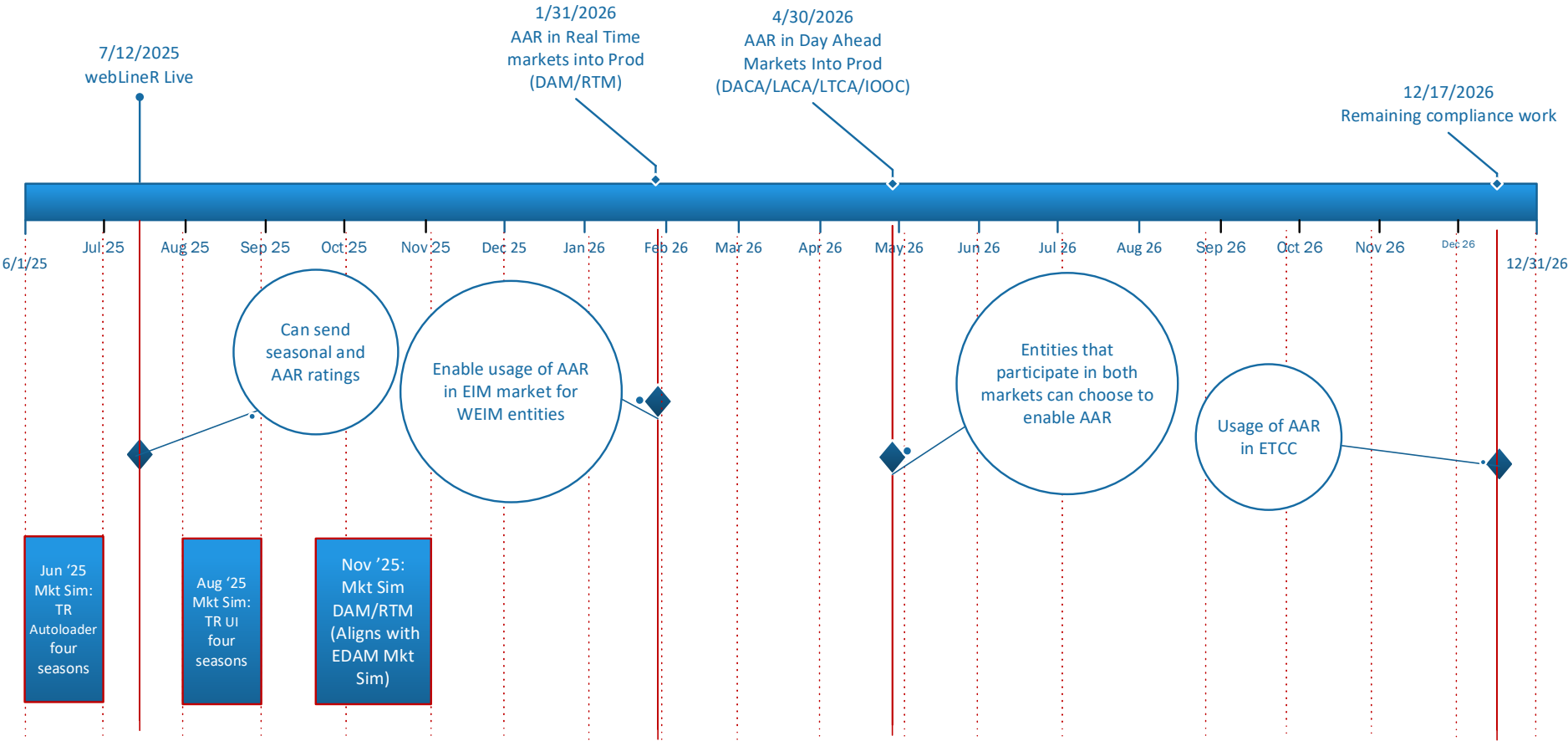


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# webLineR Implementation Details

# FERC 881 webLineR





## webLineR:

- webLineR will be the main Ambient Adjusted Rating and Seasonal rating management system for RCWEST TOP's.
- For CAISO PTO's current transmission registry will be primary interface for managing seasonal ratings and webLineR for managing Ambient Adjusted ratings.
  - The plan is to move PTO's seasonal rating management into webLineR as part of a future project.
- Participants will manage their seasonal ratings in webLineR via UI, CSV upload or API import. All changes in active ratings will be immediately transmitted to the downstream CAISO systems.

## webLineR:

- All AAR will be retained in webLineR for a period of 5 years, in accordance with the FERC Order 881 requirements
  - Will be available for viewing on User Interface displays and can be downloaded via query API.
- webLineR will perform the ratings coordination (or ratings clearing) for tie-lines, where TO participants at each end can independently submit their own ratings.
  - webLineR will select the most restrictive (smallest) rating value in each time period as the cleared dynamic rating that will be transmitted.
  - Participants can download cleared

## webLineR:

- In addition to providing the forecasted ratings, AAR can be used to supply the real time ratings to webLineR. Participant can place the real time rating value into the current hour slot.
- webLineR will support one normal rating and up to 4 emergency ratings.
- webLineR will also be utilized to store TOP's rating methodologies and exceptions to ratings.

## Discussion on where the TO's are with respect to their compliance on FERC 881.

- CAISO/RCWEST would like to hear from TO's where they are with respect to their compliance and Facility rating methodology development.
- CAISO/RCWEST would perform a survey and gather implementation timelines for TOP.

## Next steps


- Please submit comments on today's working group discussion by end of day April 22<sup>nd</sup> using the comment template on the [initiative webpage](#).
- Stakeholders may submit additional comments or questions to [ISOStakeholderAffairs@caiso.com](mailto:ISOStakeholderAffairs@caiso.com)





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