



# FERC Order 881: Managing Transmission Line Ratings – Phase 2


Data Submission Working Group  
July 13, 2023

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# Reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- If you need technical assistance during the meeting, please send a chat to the event producer.

# Instructions for raising your hand to ask a question

- If you are connected to audio through your computer or used the “call me” option, select the raise hand icon  located on the bottom of your screen.

**Note:** #2 only works if you dialed into the meeting.

- Please remember to state your name and affiliation before making your comment.
- You may also send your question via chat to either Isabella Nicosia or to all panelists.

# Agenda

Topic	Presenter
Welcome & introduction	Isabella Nicosia
Full Network Modeling schedule	Raja Thappetaobula
Data submission template preview	Sirajul Chowdhury
Project timeline update	Rajesh Nayyar
Working group schedule & next steps	Isabella Nicosia

# FERC 881 Background

- FERC Order 881 requires at minimum utilization of 4 seasonal ratings.
  - ISO PTOs will need to follow the ISO transmission registry process to utilize 4 seasonal ratings.
  - RC West TOPs will need to follow the RC West IRO-010 data specification process to utilize 4 seasonal ratings.
- Real time AAR from both ISO PTOs and RC West TOPs will be acquired through Inter-Control Center Communications Protocol (ICCP) protocol.
- New interface will be developed to acquire look ahead Ambient adjusted ratings(240 hours).

# Full Network Modeling (FNM) Schedule

## Modeling schedule found on caiso.com > Market & Operations > Network and Resource Modeling

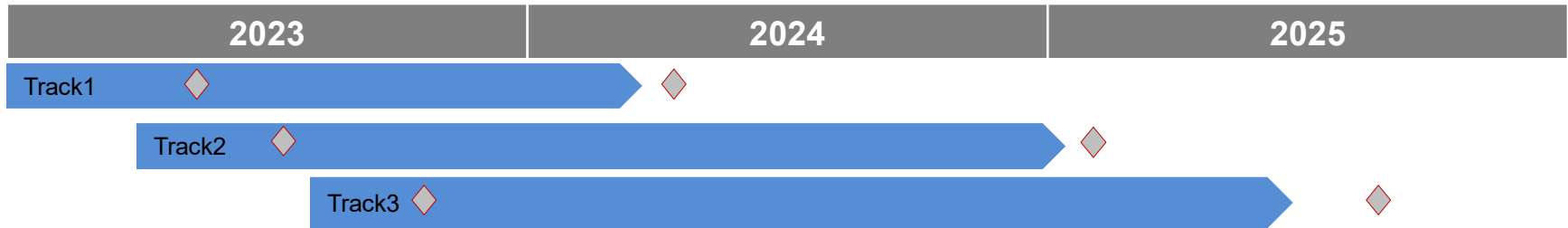
### 2024 Schedules for Full Network Model Database Release

The California ISO's Full Network Model (FNM) implementation process has specific critical dates to meet in order to include corresponding changes to the Full Network Model. The FNM database release are listed in Table 1.

Table 1 - Model Schedule

FNM Label	Customer Model Document Submission Deadline	ISO Publishes Final Scope	Late Model Scope Change Request Deadline	Production Deployment	Earliest project creation Implementation Date
24M1 DB126	10/18/2023	11/8/2023	11/27/2023	Week of 1/22/2024	2/6/2024
24M3 DB127	12/27/2023	1/17/2024	2/12/2024	Week of 3/18/2024	4/2/2024
24M5 DB128	2/21/2024	3/13/2024	4/8/2024	Week of 5/13/2024	5/28/2024
24M7 DB129	4/17/2024	5/8/2024	5/27/2024	Week of 7/8/2024	7/23/2024
24M8 DB130	6/5/2024	6/26/2024	7/22/2024	Week of 8/26/2024	9/10/2024
24M10 DB131	7/31/2024	8/21/2024	9/16/2024	Week of 10/21/2024	11/5/2024
24M12 DB122	9/25/2024	10/16/2024	11/4/2024	Week of 12/16/2024	12/31/2024

# FERC 881 Project Timelines by Tracks



- **Track 1 – Real Time Reliability Applications**
  - Estimated - Target Capability to be ready by Dec 2023 (Q4 2023)
  - Q2 2024 - Training and Testing after Tool Development
- **Track 2 – Operational/EMS Model Data and Applications**
  - July 2023 - Complete Business Requirements
  - Close of planning phase (Q3 2023)
  - Estimated - Target Capability to be ready in 2024
  - Q4 2024 - Training and Testing after Tool Development
- **Track 3 – Market Application and Look Ahead Applications**
  - Q3 2023 - Complete Business Requirements - **Hold**
  - Close of Planning Phase (Q3 2023) - **Hold**
  - Estimated - Target Capability to be ready in Q2 2025

# Upcoming meetings

- August 3, 2023: Quarterly initiative update
- August 7, 2023: Data submission working group
- Working group materials will be posted prior to each meeting on the FERC Order 881 – Managing Transmission Line Ratings Phase 2 [initiative webpage](#).
- October 18, 2023: RC West Data Exchange Working Group (DEWG) meeting for draft data specification review



## Next steps

- Please submit comments on today's working group discussion by end of day July 27 using the template provided on the [initiative webpage](#).
- Stakeholders may submit additional comments or questions related to the implementation of FERC Order No. 881 to be considered in a future working group to [ISOStakeholderAffairs@caiso.com](mailto:ISOStakeholderAffairs@caiso.com).