



California ISO



RC West

RC West Oversight Committee

Public Session

February 19, 2026

1:00pm-2:30pm Pacific Time

Engagement Best Practices



This call is being recorded for informational and convenience purposes only and will be available on the CAISO website. Any related transcriptions should not be reprinted without permission from RC West.



The meeting is structured to stimulate open dialogue and engage different perspectives.

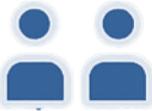


The facilitator will provide guidance for comments and questions to ensure a productive flow. Please keep remarks succinct and avoid revisiting points that have already been covered, allowing space for all voices.



Closed Captioning and the Transparency Viewer are available at the bottom of the Webex screen.

Instructions for Raising Your Hand to Ask a Question



Please remember to state your name and affiliation before making your comment. After unmuting, please pause for about two seconds before speaking to ensure your audio connects clearly.



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.



If you are connected on the phone line only and not the Webex, dial *3 to be added to the raise hand queue.



You may send questions via chat to all panelists.



If you need technical assistance during the meeting, please send a chat to the event producer at Intellor Events.

Agenda

Time:	Topic:	Presenter:
1:00 - 1:05	Welcome/agenda	Yelena Kopylov-Alford
1:05-1:15	Oversight Committee Business <ul style="list-style-type: none"> • RCWOC 2026 Election Results 	Tricia Johnstone
1:15- 1:45	RC West Operations Update <ul style="list-style-type: none"> • Emergency Declarations • Procedures Update • RC metrics Q4 update 	Raja Thappetaobula Kathleen Fernandez Lucas Rasmussen, Boyang Xu, Janessa Mitchell
1:45 – 2:20	Working Group Updates <ul style="list-style-type: none"> • Oscillation Task Force Update • FERC 881 Update • ECC Expansion Update 	John Marusenko RajaShekar Thappetaobula RajaShekar Thappetaobula
2:20 – 2:25	Future agenda items	Tricia Johnstone
2:25	Public Comment	
2:30	Public Session Adjourned <i>*Note Executive session will start immediately following Public session. This may be earlier than 2:30 pm.</i>	

Oversight Committee Business

Christopher Sanford
Committee Chair

Ashley Kelly
Vice Chair

Tricia Johnstone
RC West/ Operational Readiness

2026 Elections for Chair and Vice Chair

- Received two nominations for Chair:
 1. Daniel Koppes (PacifiCorp)
 2. Lee Recchia (Portland General Electric)and three nominations for Vice Chair:
 1. Daniel Koppes (PacifiCorp)
 2. Lee Recchia (Portland General Electric)
 3. Brian Murray (California ISO)
- Electronic vote sent out on Feb 10. 52% (22 entities) have voted as of the morning of Feb 18.
- *Please vote here if you haven't done so yet:*
<https://www.surveymonkey.com/r/R2RC9ZD>

RC West Operations Update

Raja Thappetaobula
Samson Adigun
Kathleen Fernandez

Operations update

Energy Emergency Alert	2025	2024	2023	2022	2021	2020
EEA - W	16	38	9	9	4	NA
EEA - 1	1	12	14	19	7	26
EEA - 2	0	0	0	7	3	9
EEA - 3	6	11	6	7	3	12
Total	23	61	29	42	17	47
IOS	2	1	2	4		
TE	2	13	1	3		

RCWEST Operations:

- RC West, PacifiCorp, SPP RC are working with WECC on event analysis for the 11/13/2025 Wyoming/South Dakota Generation and Load loss event
- RC West team is also working on lessons learned from the event and will share with TOP after the WECC event analysis is complete
- There has been several requests for MOD-033 SE power flow cases, and those models are uploaded in the RC West Portal MOD-033 library
- Extreme cold in Southeast and Colorado areas resulted in high north to south flows on Path 80 over the 1/24 weekend. Good coordination between RC West and TOP to manage the flows

RC West Procedures Update

Kathy Fernandez

RC West Procedures Update

Upcoming Procedure Changes:

RC Proc. #	Procedure Title	Status	Description of changes
RC0130	Notification Requirements for Real-Time Events	Target – Effective 2/26	Section 3.1: Changes to items 3.1.5, 3.1.6, 3.1.7 and 3.1.8 to clarify notification requirements for RAS status and arming criteria changes.
RC0310	Mitigating SOL and IROL Exceedances	Target – Effective 2/26	Section 3.7: Added RC action to conference in CAISO RTMO for WEM entities requesting RC help to coordinate market constraint activation. Section 3.8: Added footnote to clarify RC Operator monitoring approach to filter out nuisance voltage exceedances in RTCA/HANA application due to known SE quality issues. Section 3.10: Added RC actions to take preliminary mitigation actions (except load shedding) for potential insecure operating state, if unable to invalidate results within 15 minutes. Section 3.14: Updated TOP expectations and RC actions for RAS status and arming criteria changes. Minor formatting and grammar edits.
RC0310C	Guidelines for Declaring Insecure Operating State	Target – Effective 2/26	Added language that preliminary mitigation actions (except load shedding) will be taken for potential insecure operating state, if unable to invalidate results within 15 minutes. Also clarify that IOS is declared if unable to invalidate 30 minutes from identifying the condition in RT tools.
RC0320	Outage Review and Coordination	Target – Effective 2/26	Section 3.1: Added language and RC and TOP actions for planned outages requiring RC pre-clearance approval. Added new Section 3.4 Real-time Outage Coordination to clarify when verbal approval from RC operator is required prior to starting a planned outage. Minor formatting and grammar edits.
RC0410	System Emergencies	Target – Effective 2/26	Additional clarity added to the definition of an Emergency and the actions required. Minor formatting and grammar edits and removed history prior to five years.
RC0460A	Restoration Principles	Target – Effective 2/26	Clarified frequency requirements for islands being synchronized. and minor grammar edits.
RC0460E	Synchronization Checklist	Target – Effective 2/26	Clarified frequency requirements for islands being synchronized and minor grammar edits.
RC9000	Open Loop Guideline	Target - Effective 3/26	Annual Review: Minor formatting and grammar edits only.
RC9330	NWMT Path 80 Operating Guide	Target - Effective 2/26	Annual Review: Minor formatting only, no content changes.

RC West Procedures Update - continued

Recently published procedures:

RC Proc. #	Procedure Title	Status	Description of changes
RC0430	GMD Operating Plan	Effective 1/29	Section 3.2: Minor edit to first bullet and updated Footnote 2 to reflect Eastern Interconnection GMD Monitor schedule. Section 4: Updated years for rotation of GMD Monitor. Minor format and grammar edits and removed history prior to five years.
RC0670	NERC PRC-002 Disturbance Monitoring and Reporting Requirements Process	Effective 1/29	After completion of 5-year review, updated the methodology portion to add minimum DDR coverage for SOLs/IROLs. Defined NERC acronym in Section 2, Introduction.
RC0670A	PRC-002 RC West DDR List	Effective 1/29	Updated the DDR list based on the 5-year review.
RC0310A	Stability SOLs and Areas with Risk of Localized Voltage Collapse	Effective 1/15	Added new conditional stability SOLs Aeolus West and Round Butte. Updated details for Bridger West. Removed California Simultaneous Import (CASI), as it is no longer considered an SOL.
RC9410	Olinda 500 kV High Voltage Mitigation	Effective 1/15	Periodic Review: Minor formatting and grammar edits.
RC0120B	RC West IRO-010 Data Specification for Adjacent RCs	Effective 1/09	Data Specification tab: Updated line 24 Data Item, replacing Net Actual Interchange with Actual Net Interchange (NIA) and line 25 Data Item, replacing Net Scheduled Interchange with Scheduled Net Interchange (NIS) to align with NERC BAL-004-WECC-4 update. Exceptions tab: Added exceptions for SPP RC-1.13 and RC-6.10.2. Removed Operationally Affected Parties, as duplicative of Version History tab.
RC9110	NW Washington Area Import IROL	Effective 1/09	Annual Review: Section 7.2.2: Added clarifying language that IROL default value will not be updated for lines temporarily taken out for voltage control. Updated from Western Energy Imbalance Market (WEIM) to Western Energy Market (WEM) and from CAISO Market Operator to WEM Market Operator. Minor formatting and grammar edits and removed history prior to five years.
RC9230	Path 14 Operating Guide	Effective 1/09	Periodic Review: Minor formatting and grammar edits and removed history prior to five years.
RC Coord Plan	RC West Coordination Plan	Effective 12/18	Appendix C: Updated RC West Reliability Area Map and Minor edit to BHE Montana under Entity in Section 13.2 Entity list following. Minor format and grammar edits.

RC West Procedures Update - continued

Recently published procedures - continued:

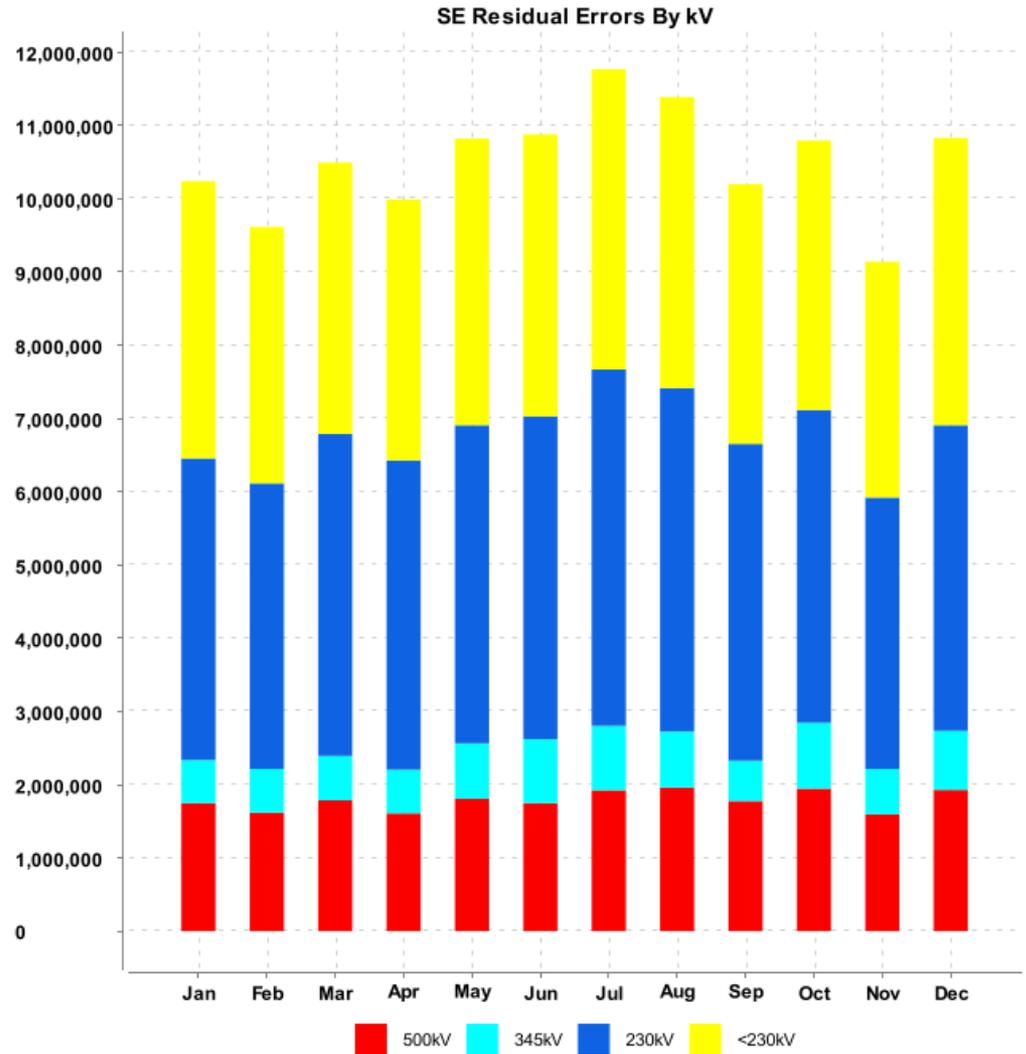
RC Proc. #	Procedure Title	Status	Description of changes
RC0330A	List of Ties with Neighboring RCs	Effective 12/18	Table 3: Included (GWA) with BHE Montana and updated from NATU to GWA as BA/TOP. Included Windstar-West Cheyenne 230 kV Line under PacifiCorp East/West (PACE/PACW). Table 5: Added GWA - BHE Montana (BHE Power Watch, LLC). Removed history prior to five years.
RC0420	Event Reporting	Effective 12/18	Section 3.2: Included sub-bullet for emailing DOE OE-417 report. Appendix 1: Minor edits for clarity and to align with Standard requirements for event reporting.
RC0510	Quality Assurance of Monitoring and Analysis Tools	Effective 12/18	Replaced Manager of Real-Time Operations with Manager of BA Operations. References: Added IRO-002-7 to NERC Requirements. Minor formatting and grammar edits and removed history prior to five years.
RC0540	WIT Administration	Effective 12/18	Updated from Net Scheduled Interchange to Scheduled Net Interchange (NIS) and from Net Actual Interchange to Actual Net Interchange (NIA) and updated version of BAL-004-WECC-4 reference to align with BAL-004-WECC-4 update on 10/01/25. Minor formatting and grammar edits.
RC9000	Open Loop Guideline	Effective 12/18	Section 3.2.5: Remove bullets about inability to disable the Separation Scheme and to activate and operate to the CASI stability SOL and to mitigate up to and including load shedding. Removed reference of CAISO 6150 CASI Operation. Minor format and grammar edits and removed history prior to five years.
RC9040	Frequency Response Monitoring and Mitigation	Effective 12/18	Appendix D: Under Malin-Round Mountain removed note regarding triggering CASI operating condition due to retirement of CASI Operating Procedure, as it is no longer considered an SOL.
RC9710	Southeastern New Mexico Area	Effective 12/18	Annual Review: Minor formatting and grammar edits and removed history prior to five years.

RC Metrics Q4 2025

Lucas Rasmussen
Ran Xu
Kyle Clayton

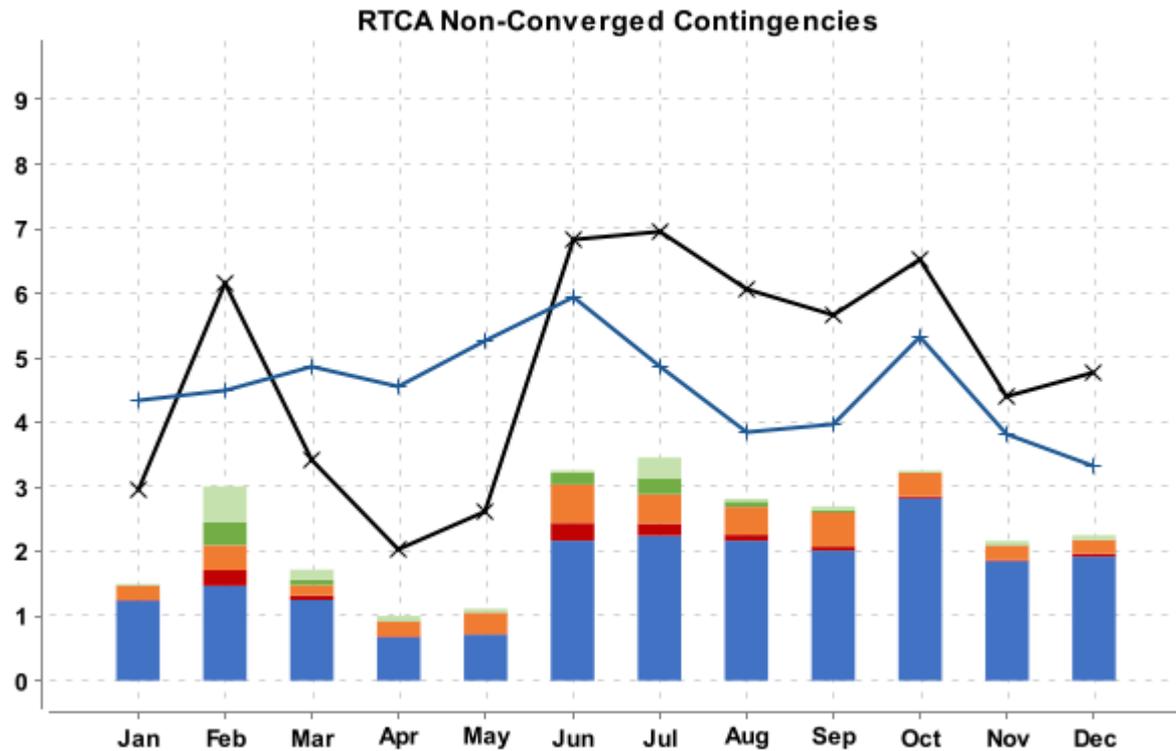
RC Metrics Q4 2025 - SE Residual Errors

- Residual Errors for line MW flow observed on 500kV, 345kV, 230kV, and less than 230kV lines
- *Note: Though the measurements in anomaly are not used by SE in estimating the solution, the count of anomalies provide opportunity of reducing them.*



RC Metrics Q4 2025 - RTCA Non-Converged Contingencies

- Count of Real-Time Contingency Analysis (RTCA) non-converged contingencies in five-minute intervals
- Note: Over 10,000 contingencies are solved in every RTCA solution*

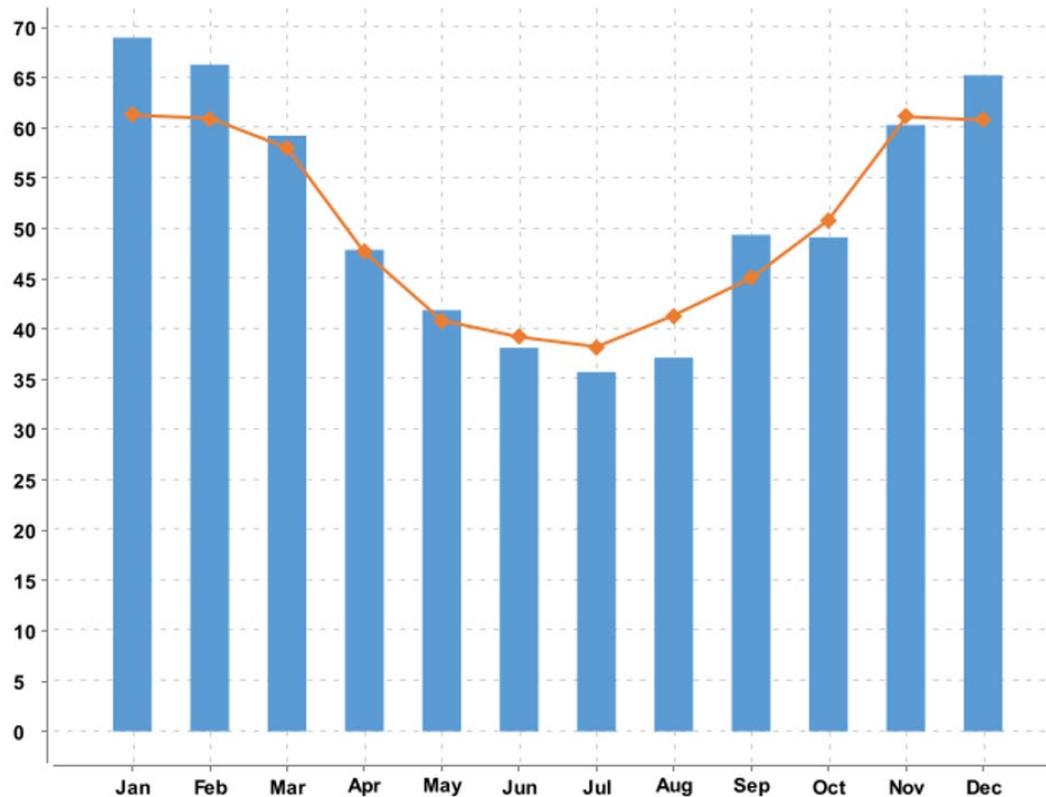


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
115kV Average	0.02	0.56	0.16	0.08	0.06	0.04	0.32	0.04	0.06	0.03	0.06	0.07
138kV Average	0.01	0.35	0.08	0.01	0	0.19	0.25	0.08	0.03	0.01	0.01	0.01
230kV Average	0.22	0.39	0.16	0.22	0.33	0.6	0.45	0.43	0.53	0.36	0.22	0.21
345kV Average	0.01	0.24	0.07	0.02	0.01	0.27	0.19	0.09	0.06	0.03	0.01	0.05
500kV Average	1.24	1.47	1.25	0.67	0.71	2.17	2.24	2.17	2.01	2.82	1.85	1.92
Total Average	1.44	3.16	1.7	1.03	1.51	3.57	3.5	3.23	2.98	3.28	2.24	2.52
Previous Year	2.83	1.5	3.13	3.55	4.16	2.68	1.39	1.02	1.28	2.07	1.66	1.06

RC Metrics Q4 2025 - DACA Accuracy

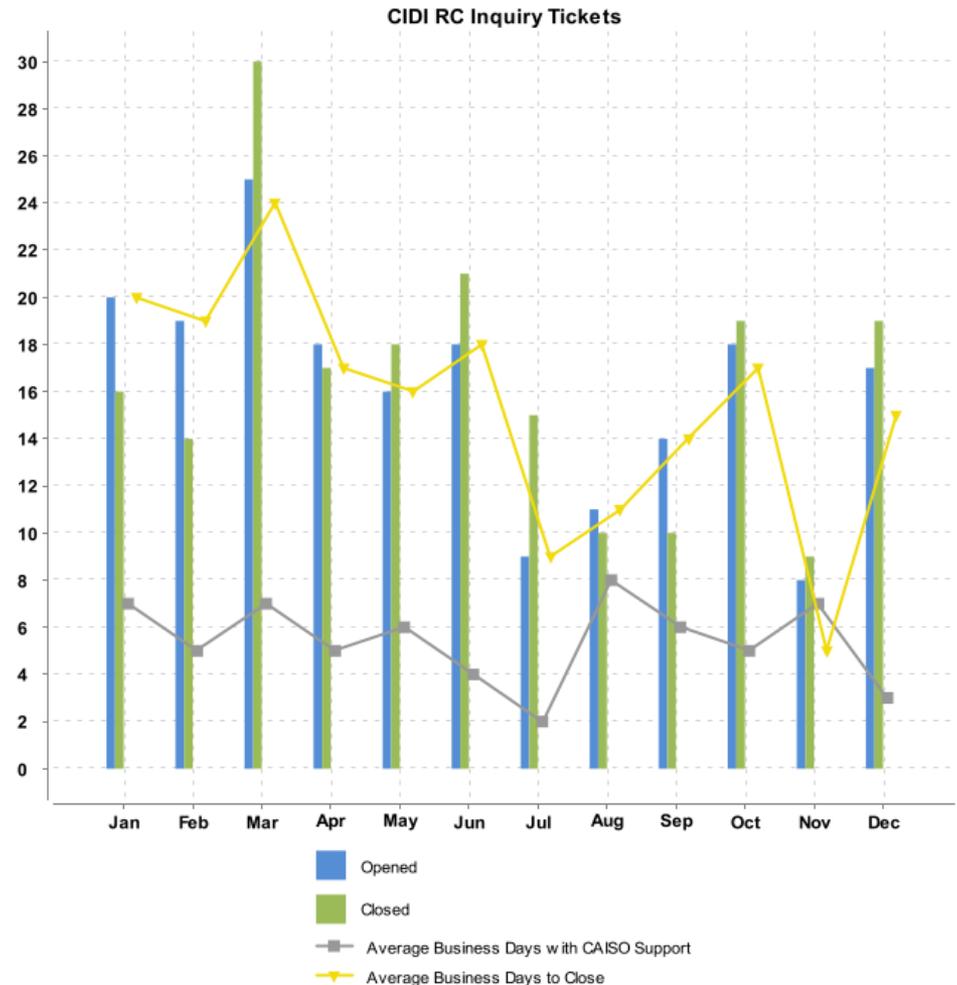
Day Ahead Contingency Analysis (DACA) tool is designed to identify potential contingencies in the day ahead timeframe

DACA Accuracy
Not observed in DACA but showed in RTCA



RC Metrics Q4 2025 - CIDI/Issue Resolution Progress

- Count of Customer Inquiry and Dispute Information (CIDI) tickets of the RC Inquiry case record type
- The number of opened cases will not change each time the data is pulled, but the other numbers can change as there are still cases opened from a prior month that haven't been closed.



Working Group Updates

Oscillation Task Force Update

John Marusenko
RC West Grid Operations Manager

RC West Oscillation Monitoring Improvement Task Force

Chair: Daniel Goodrich (BPA)

RC West Liaisons: Caelin Hickey, John Marusenko, Samson Adigun

Task Team Goals:

- Coordinate oscillation detection thresholds across wide area to ensure entities are utilizing similar criteria for detection
- Define criteria and develop a proposal for PMU installation and coverage for the RC West

Other Considerations:

- Consider recommendations on IBR Controls Standard for WECC/NERC
- Review oscillation events

RC West Oscillation Monitoring Improvement Task Force

- Number of actions
 - Presentation and discussion of current entity Oscillation Monitoring practices
 - Upcoming review of NERC Draft Oscillation document
 - Missing PMU visibility being addressed
 - PMU Registry re-instatement

RC West Oscillation Monitoring Improvement Task Force

The screenshot shows a web application interface for the California ISO RC West Map Stage. The page title is "PMU Registry". Below the title is a descriptive paragraph: "The PMU Registry is a table that records each phasor measurement unit (PMU) ID and the entity associated with that measurement source. A phasor measurement unit (PMU) is a device that measures voltage and current and reports their magnitude and angle in real time, giving operators a clear view of system conditions and events." Below the text is a "Subscribe to PMU Registry list" button. The main content is a table with columns: PMU ID, Available, Area Code, Area, and Modified on. The table contains 8 rows of data, all with "Reserved" status. The "Available" column contains red "Reserved" labels. The "Area Code" column contains values W066 and W106. The "Area" column contains values APS and AESO. The "Modified on" column contains the date and time 1/29/2026 4:07 PM. The table has a search bar at the top left, an "Export to csv" button, and pagination controls at the top right. The page footer includes the California ISO and RC West logos, the text "ISO Public", and a system tray with a clock showing 3:02 PM on 2/12/2026.

California ISO RC West Map Stage

Apps Working Groups Libraries Contact List Training Calendar Help

HOME / LIBRARIES / PMU REGISTRY

PMU Registry

The PMU Registry is a table that records each phasor measurement unit (PMU) ID and the entity associated with that measurement source. A phasor measurement unit (PMU) is a device that measures voltage and current and reports their magnitude and angle in real time, giving operators a clear view of system conditions and events.

Subscribe to PMU Registry list

Search [] All Available All Areas

Export to csv

Show 50 entries Showing 1 to 50 of 2,000 entries First Previous 1 2 3 4 5 ... 40 Next Last

PMU ID	Available	Area Code	Area	Modified on
34001	Reserved	W066	APS	1/29/2026 4:07 PM
34002	Reserved	W066	APS	1/29/2026 4:07 PM
34003	Reserved	W066	APS	1/29/2026 4:07 PM
34004	Reserved	W106	AESO	1/29/2026 4:07 PM
34005	Reserved	W106	AESO	1/29/2026 4:07 PM
34006	Reserved	W106	AESO	1/29/2026 4:07 PM
34007	Reserved	W106	AESO	1/29/2026 4:07 PM
34008	Reserved	W106	AESO	1/29/2026 4:07 PM

ISO Public

3:02 PM 2/12/2026

FERC 881 Ambient Adjusted Rating & Dynamic Line Ratings

Raja Thappetaobula
Director, RCWEST Operations

CAISO/RC West FERC 881 Implementation:

- CAISO/RC West has implemented the Track1 on July 12, 2025
 - Six entities real time ratings through ICCP are being utilized in RC West EMS/RTCA/HANA
 - Working with couple of other entities to enable the usage
- CAISO/RC West has implemented the Track2 Webliner on July 12, 2025
 - Idaho has been sending in their look ahead 240 hr AAR.
 - These ratings are not being utilized in downstream applications.
- **Track 3 – Market Application and RC Look Ahead Reliability Applications**
 - Delayed phased in implementation.
 - Filed at FERC additional tariff changes seeking for extension up to **December 17, 2026**

CAISO RCWEST Compliance Phased In Implementation

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.

ECC Expansion

Raja Thappetaobula
Director, RCWEST Operations

ECC Enhancement NAESB Effort (Phase1):

- Flow based curtailment tool on SOLs/IROL's in real-time
- RC led process that can be utilized along with other existing congestion management process (Market Optimization ,UFMP ,Local Operating procedures)
- Standardized curtailment methodology
 - Tag Curtailments
 - Very similar to tag curtailments currently being done in UFMP Step 4 but with TDF calculated to the SOL not a proxy path
 - Balancing area Generation to Load relief obligations (GTL)
 - Real time MW acquisition for dynamic schedules
 - NAESB Congestion Management WG and NEASB Executive committed has voted and approved. The standard has been ratified by NAESB membership (Dec 2nd 2025)
 - Team is working with OATI on next steps of Implementation of the standard into ECC. (Expected Q4 2027 Go Live)

Future Agenda Items

- The next RC West Oversight Committee meeting is May 19, 2026. Visit [RC West webpage](#) for additional details
- Send topic suggestions to isorc@caiso.com.

Open for Public Comments

This Week at the ISO – 2/16/26

Stakeholder Meetings

All public stakeholder meetings are also listed on the [CAISO Calendar](#)

- Tuesday, February 17th – Interconnection Customer User Group
 - 1:00pm – 2:00pm PT ([link](#))
- Wednesday, February 18th – Flexible Capacity Requirement Methodology for 2027 through 2029, call on 2/18/26
 - 9:00am – 11:00am PT ([link](#))
- Thursday, February 19th – RC West Oversight Committee - Q1 Public Session
 - 1:00pm – 2:30pm PT ([link](#))
- Thursday, February 19th – Market Update
 - 10:00am – 10:30am PT ([link](#))

Comment Submission Deadlines

- Tuesday, February 17th – Storage and Design Modeling
- Wednesday, February 18th- BPM Proposed Revision Requests (PRRs) 1642-1644, 1647, 1653-1655, 1657-1660
- Thursday, February 19th – Day-Ahead Market Enhancements (DAME) Configurable Parameters

Trainings .

- None scheduled this week.

This Week at the ISO continued

Market Simulations

- Please refer to our [Release Schedule](#) for the most recent updates of initiatives scheduled for MAP- and Production- stage market sims
- Thursday, February 19th – [Parallel Operations - DAME, EDAM, EDAM CAISO Balancing Authority Area Participation Rules Market Simulation and Parallel Ops Meeting](#)
 - 1:00pm – 2:00pm PT ([link](#))

To participate in the DAME and EDAM Implementation pre-Market Simulation meeting series, please follow these steps:

Submit a CIDI Request:

- Log in to the CAISO Customer Inquiry, Dispute, and Information (CIDI) system.
- Create a new request with the 'Functional Environment' set to "Market Simulation."
- In the request, specify your intent to participate in the DAME & EDAM Market Simulation.
- Include the following information:
 - Market Simulation initiative(s) you will participate in.
 - Any specific resources or systems you plan to test.
 - Contact names and email addresses for coordination.

Email Option:

- If you do not have access to CIDI, you may send an email to marketsim@caiso.com with the subject line "DAME & EDAM Market Simulation Registration."

Business Practice Manual (BPM) Updates

- The status of all PRRs and updated BPMs in the [BPM Library](#) are published on the [BPM Change Management Website](#).

ENERGY matters



The California ISO's blog highlights its most recent news releases, and includes information about ISO issues, reports, and initiatives.

Energy Matters blog provides timely insights into ISO grid and market operations as well as other industry-related news.

<https://www.caiso.com/about/news/energy-matters-blog>



Story | Inside the California ISO

Parallel Operations: another milestone on the way to EDAM "Go Live"

By Dr. Khaled Abdul-Rahman

02/11/2026



Story | Western Energy Markets

Recap: EDAM Virtual Town Hall held February 4, 2026

By ISO Staff

02/09/2026



Story | Inside the California ISO

A "Super" Energy Touchdown

By Gina Engman

02/06/2026

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Public Session Adjourned