



California ISO



RC West

RC West Oversight Committee

Public Session

May 19, 2026

9:00am - 10:30am 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.

Instructions for Raising Your Hand to Ask a Question



Please remember to state your name and affiliation before making your comment.



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. Select "Direct" tab, and select "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:
9:00 - 9:05	Welcome/agenda	Yelena Kopylov-Alford
9:05-9:20	Oversight Committee Business	Daniel Koppes, Lee Recchia
9:20- 9:45	RC West Operations Update <ul style="list-style-type: none"> • RC West Summer Readiness • Emergency Declarations • Procedures Update 	Raja Thappetaobula Raja Thappetaobula Kathleen Fernandez
9:45 – 10:20	Working Group Updates <ul style="list-style-type: none"> • FERC 881 Update • ECC Expansion Update • Data Specification Update 	RajaShekar Thappetaobula RajaShekar Thappetaobula Rachel Melton
10:20 – 10:25	Future agenda items	Daniel Koppes, Lee Recchia
10:25	Public Comment	
10:30	Public Session Adjourned <i>*Note Executive session will start immediately following Public session. This may be earlier than 10:30 am.</i>	

Oversight Committee Business

Daniel Koppes
Committee Chair

Lee Recchia
Vice Chair

Tricia Johnstone
RC West/ Operational Readiness

RC West Operations Update

Raja Thappetaobula
Samson Adigun
Kathleen Fernandez

Operations update

Energy Emergency Alert	2026	2025	2024	2023	2022	2021
EEA - W	1	16	38	9	9	4
EEA - 1	1	1	12	14	19	7
EEA - 2	0	0	0	0	7	3
EEA - 3	2	6	11	6	7	3
Total	4	23	61	29	42	17
IOS	3	2	1	2	4	
TE	2	2	13	1	3	

RC West Summer Readiness

- **Transmission system changes**

- COI TTC will be limited to 3725 MW in N-S and 2900 MW in S-N in June 2026 due to Fern road STATCOM construction work.
- Summer 2026 Limits are being finalized with Stakeholders.
 - **Path 66 COI TTC: N-S: 5100 MW S-N: 3675 MW**
- Path 15 and Path 26 (Northern – Southern California) transfer capability is expected to be normal in summer
- Pacific DC Intertie (PDCI) transfer capability is expected to be normal
- WAPA added a new series reactor at crossover 230 kV (Southeast Montana) which should help Path80 operations

- **Summer readiness coordination meeting**

- RC West summer readiness meeting is scheduled for May 20th

- **Training refresher**

- System Restoration Drill was completed in Spring 2026

- **Procedures and tools improvement for summer readiness**

- Regional procedures have been improved including PNM/Tristate area overload mitigation procedures

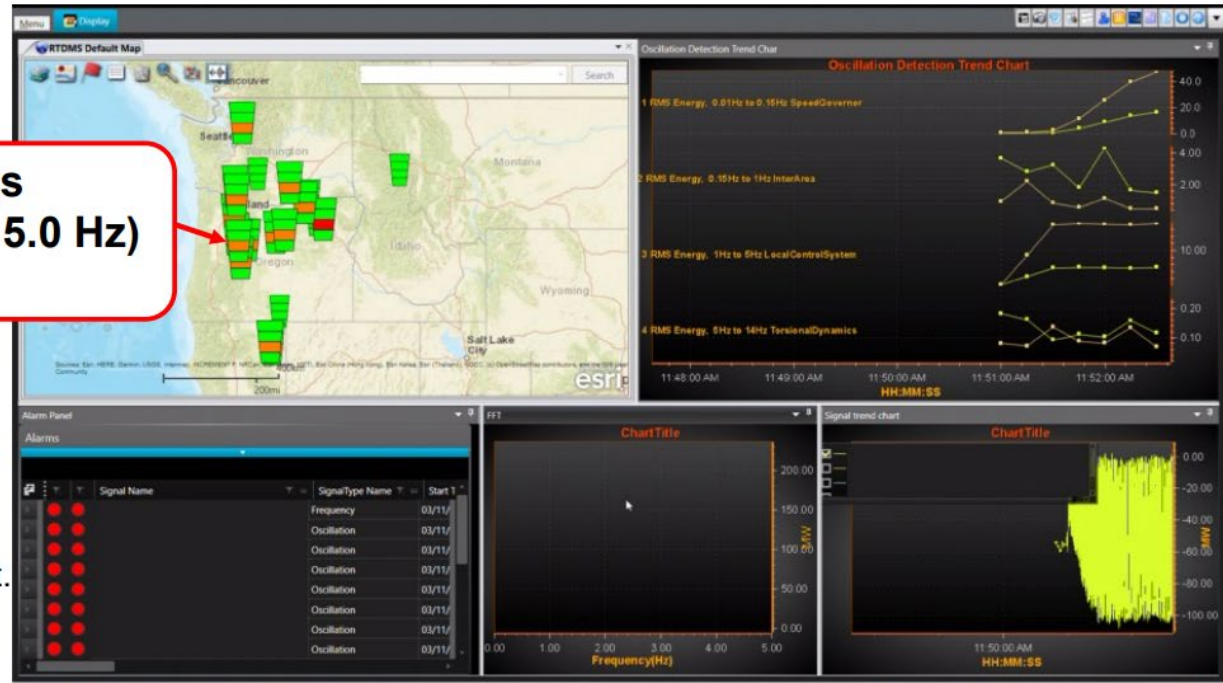
RC West Situational Awareness Procedure Changes

- New RC Preclearance outage coordination processes to help RC evaluate critical outages in real time. (Stability/Multiple TOP/Multiple RC Impacting outages)
- RC West situational awareness tools for upcoming summer season.
 - Monitors 8-day regional weather outlook for the RC West footprint and initiate special conference call with the BA's and TOP to discuss operational readiness and coordination efforts
 - RC West is also testing a new AI tool that monitors next day BA Capacity across our footprint.
- Weekly internal outage coordination call to discuss upcoming week outages and potential transfer issues and path limitation concerns
- RC West has continued to improve our oscillation monitoring tools through stakeholder oscillation taskforce.
 - Helps identify local area oscillating generators quickly and mitigate
- Improved coordination with neighbor RCs (SPP West RC, AESO and BCRC)

RC West Oscillation Detection Situational Awareness Tools

**ODM indicates
Band 3 (1.0 – 5.0 Hz)
oscillation**

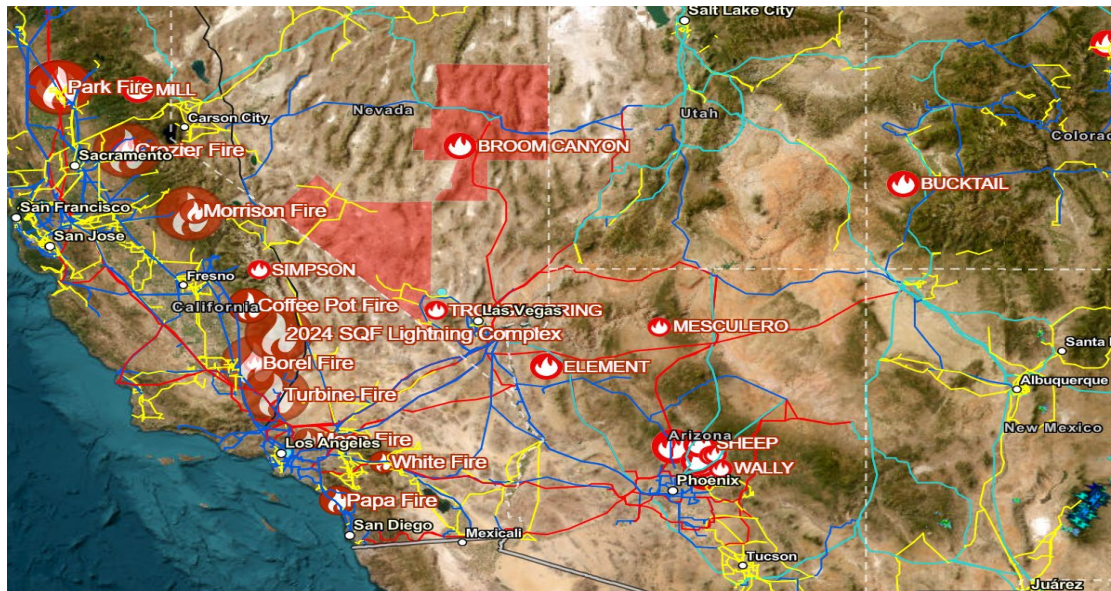
CAISO RTDMS ODM
offline playback of event.
Screenshot courtesy of
Electric Power Group



RC West Fire Monitoring Tools

Primary tool: “WECC Threat Monitor”

- GIS map with BES facilities and environmental conditions
- Impact of fire on facilities with major Remedial Action Schemes (RAS)



RC West Procedures Update

Kathy Fernandez

RC West Procedures Update

Upcoming procedure changes:

RC Proc. #	Procedure Title	Status	Description of changes
RC0120	Guidelines for RC West IRO-010 Data Specification and Collection	Target – Effective 7/01	NERC CIP-012 version update to CIP-012-2.
RC0140	Guidelines for Sending Messages Across RC Seams	Target – Effective 5/28	Periodic Review: References: Added NERC COM-001-3 and IRO-014-3 references. Minor formatting and grammar edits and removed history prior to five years.
RC0310	Mitigating SOL and IROL Exceedances	Target – Effective 6/04	Section 3.5: Added severe low voltage affecting multiple BES stations as a criteria to assess for potential insecure state. Section 3.10: Clarified language and indications of potential insecure state for thermal cascading. Most cascading test steps to RC0310C. Section 3.11: Clarified language and indications of potential insecure state for unsolved contingencies. Added new Appendix B, detailing the limit hierarchy that RC West uses to determine the limit in force. Updated instances of CAISO Market Operator to Market Operator, minor format and grammar/punctuation edits and removed history prior to five years.
RC0310C	Guidelines for Declaring Insecure Operating State	Target – Effective 6/04	Major rewrite of entire document to clarify indications and criteria for insecure operating state and steps to be taken by the RC and RMOE to validate, mitigate, and declare insecure operating state.
RC0330	Coordination with Neighboring Reliability Coordinators	Target – Effective 5/28	Annual Review: Spelled out first instance of several terms (WECC, SOLs, IROLs, NERC, RAS, BAs and TOPs). Minor formatting and grammar edits and removed history prior to five years.
RC0330A	List of Ties with Neighboring RCs	Target – Effective 5/28	Annual Review: Made correction from Tortolita to Tortilla in Table 3. No other content changes required.
RC0330B	Contingency Monitored for Neighboring RC Area	Target – Effective 5/28	Annual Review: No changes required, only removed history prior to five years.
RC0330C	SPP-RC West Pseudo-Tie Arrangement for Grady Wind Generation	Target – Effective 5/28	Annual Review: No changes required.
RC0410	System Emergencies	Target – Effective 5/28	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.
RC0410A	EOP-011 Plan Review Checklist	Target – Effective 5/28	Annual Review: Minor format edits and removed history prior to five years.

RC West Procedures Update

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RC West Procedures Update

Recently published procedures:

RC Proc. #	Procedure Title	Status	Description of changes
RC Coord Plan	RC West Coordination Plan (Reliability Plan)	Effective 5/7	Periodic Review: Minor edit in Section 10 for clarity and minor punctuation edit. Included LS Power Grid California in Appendix C and updated several other Entity IDs. Removed history prior to five years.
RC0120	Guidelines for RC West IRO-010 Data Specification and Collection	Effective 5/7	Update to applicability section for Generator Owners and Operators registered as Category 2 Inverter-Based Resources (IBRs) to receive data from their interconnected utility.
RC0120B	RC West IRO-010 Data Specification for Adjacent RCs	Effective 5/7	BHBA WEIM go-live. Data Specification tab: Updated Data Validation Method for Rows 48 - 51. Exceptions tab: Added exceptions to data requests for BHBA WEIM go-live.
RC9110	NW Washington Area Import IROL	Effective 4/30	Minor edit in Section 4.2 under Item 5, including the footnote. Updated Section 4.3, Included additional sub-bullet under Item 4 for needed improvement. Made edits in Section 6 for clarification.
RC9210	Path 3 (Northwest - British Columbia)	Effective 4/30	Annual Review: Minor formatting and grammar edits and removed history prior to five years.
RC9560	SDG&E/CENACE Import Operational Guide	Effective 4/30	Periodic Review: Minor formatting and grammar edits and removed history prior to five years.
RC0320	Outage Review and Coordination	Effective 4/23	Added new Appendix A, Equipment Outages Requiring RC Pre-clearance Approval.
RC9010	Unscheduled Flow Mitigation on Qualified Paths	Effective 4/23	Annual Review: Updated Table 2, removing Crossover PST due to retirement. Added WACM to Operationally Affected Parties. Minor format and grammar edits and removed history prior to five years.
RC9730	Northern New Mexico Area	Effective 4/10	Clarified RC actions in RC9730
RC0120	Guidelines for RC West IRO-010 Data Specification and Collection	Effective 4/2	Annual Review: Section 3.7.5.5: Removed CASI from the Path list table due to retirement of CAISO Operating Procedure 6150 CASI Operation. Section 3.7.6.4: Added guidance for seasonal ratings along with RC Data Gathering Template update. Minor formatting and grammar edits and removed history prior to five years.

RC West Procedures Update

Recently published procedures – *continued*:

RC Proc. #	Procedure Title	Status	Description of changes
RC0120A	RC West IRO-010 Data Specification	Effective 4/2	Annual Review: Added data request 4.12 per new NERC standard BAL-007-1.
RC0120B	RC West IRO-010 Data Specification for Adjacent RCs	Effective 4/2	Annual Review: Removed exception for HGMA as they have been absorbed into another BA. Added exception for data item RC-1.5 based on discussion with SPP. Minor format and grammar/punctuation edits and removed history prior to five years.
RC0120C	ICCP or PMU Data Request Procedure	Effective 4/2	Annual Review: Updated to change the RC Portal location to the PMU Registry for a listing of the PMUs available for sharing. Removed history prior to five years.
RC0210A	Reserve Sharing Group Information	Effective 4/1	Updated WCO BA information due to implementation of SWPW BA effective April 1st. Removed history prior to five years.
RC0330A	List of Ties with Neighboring RCs	Effective 4/1	Updated for the implementation of SWPW BA on April 1st. Table 3: Updates made to APS, NWMT, PACE/PACW, PNM, and SRP. Table 5: Updated to include SWPW (Southwest Power Pool Balancing Authority). Removed history prior to five years.
RC9000	Open Loop Guideline	Effective 4/1	Annual Review: Added SWPW to Responsibilities section due to SWPW BA transition on 4/1. Included "and NEVP" in fourth bullet in Section 3.2.4. Minor formatting and grammar edits and removed history prior to five years.
RC9110	NW Washington Area Import IROL	Effective 4/1	Updated Section 4.2, Item 8 to include that Centralia is only available to start for Emergency mitigation. Removed APS, BANC, CAISO BA, IPCO, LADWP, NVE, NWMT, PGAE, SCE, WASN and WAUW from Operationally Affected Parties. Removed non-credible BFRs from Appendix D2: Unplanned Outage Limits Table as per BPA announcement to retire those contingencies from the credible contingency list. Minor formatting and removed history prior to five years.
RC9120	Oregon Export IROL	Effective 4/1	Section 3: Removed all references to BFR or PCB failures. Section 4.2: Updated from CAISO Market Operator to Market Operator in Footnote 2. Section 6.2.3: Added clarifying language that IROL default limit will not be updated for lines temporarily taken out for voltage control. Appendix C: Removed BFR contingencies from "Unplanned Outage – Always Credible Multiple Contingencies" table due to BPA's retirement of the BFR contingencies on 4/01/26. Reviewed for SWPW BA transition. Removed references to Crossover PST, due to replacement with series reactor. Minor formatting, grammar edits, and removed history prior to five years.
RC9240	Bonanza Area Operating Guide	Effective 4/1	Updated for SWPW BA transition. WACM BA references changed to SWPW. No changes made when WACM is referenced as TOP. Added SWPW to Operationally Affected Parties section. Minor formatting and grammar edits.

RC West Procedures Update

Recently published procedures – *continued*:

RC Proc. #	Procedure Title	Status	Description of changes
RC9250	Mitigating Thermal Exceedances in the Dave Johnston Area	Effective 4/1	Updated for SWPW BA transition. WACM BA references changed to SWPW. No changes made when WACM is referenced as TOP. Added SWPW to Operationally Affected Parties section. Updated language in footnote 1 related to reviewing relevance of procedure annually.
RC9320	Montana Facility Seams	Effective 4/1	Updated for SWPW BA transition. Changed WAUW references to SWPW in Sections 2 and 3. Added SWPW to Operationally Affected Parties section.
RC9320A	Montana Facilities Seams Overview	Effective 4/1	Retired - with the SWPW BA transition on April 1st it has been determined that this is no longer applicable or needed.
RC9330	NWMT Path 80 Operating Guide	Effective 4/1	Minor updates for implementation of SWPW BA effective April 1st. Updated Step 6 of RC actions in section due to replacement of Crossover PST with series reactor. Minor format and grammar edits.
RC9730	Northern New Mexico	Effective 3/30	Section 4: Corrected errors in the generation factors table and footnote.

Working Group Updates

Oscillation Task Force Update

John Marusenko
RC West Grid Operations Manager

FERC 881 Ambient Adjusted Rating & Dynamic Line Ratings

Raja Thappetaobula
Director, RCWEST Operations

RC West Preparation for FERC 881 Implementation

- RC West is currently utilizing Ambient Adjusted Ratings (AAR) in real time Reliability tools for 3 TOPs (IPCO/IID/TPWR). Working with additional TOPs to continue to test the ratings before enabling in real time.
- RC West will implement AAR in its Look Ahead reliability tools by end of 2026
 - Short term outage studies
 - Day ahead reliability studies

ECC Enhancement

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. (Goal Q4 2027 Go Live)

Future Agenda Items

- The next RC West Oversight Committee meeting is August 20, 2026. Visit [RC West webpage](#) for additional details
- Send topic suggestions to isorc@caiso.com.

Open for Public Comments

Public Session Adjourned