
	Reliability Coordinator Procedure	Procedure No.	RC0130B
		Version No.	1.0
		Effective Date	6/01/25
New Equipment/RAS Energization Checklist		Distribution Restriction: None	

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Purpose

Provide a checklist for the RC Operator and TOP to verify readiness prior to approving TOP request to energize new equipment or Remedial Action Scheme (RAS).

1. TOP Responsibilities

1.1. New BES Equipment Energization


The TOP shall ensure the following information is provided to RC West, prior to energizing new BES transmission equipment:

- Submit FNM modelling information, including contingency definition, for new BES equipment and ICCP changes in accordance with RC West model submission requirements and timelines. Refer to [Modeling Changes User Guide for RC West Customers](#) and [Modelling Submission Checklist](#) located on the RC Portal.
 - In general, RC West requires model submission **two to five months** before the planned energization date for new equipment. Refer to the detailed FNM schedule located on the RC Portal > Western Interconnection Model Library.
 - For questions or support, reach out to the RC West Modelling team (MPAI@caiso.com).
- Submit a RIMS outage card to update the model the week of the database model promotion per the [RC0630A OATI webSmartOMS User Manual](#).
- Validate model changes are correctly deployed via the RC Portal > Western Interconnection Model Library.
- Submit another OMS Outage Card for the purpose of tracking the planned energization date in accordance with [RC West Outage Coordination Process \(RC0630\)](#).
 - In general, RC West requires outage submission **seven to fourteen days** prior to planned energization of new equipment, per the RC short-range outage study window.
- Contact the Real-time RC Desk to request RC Operator approval on the day of first energization.

1.2. New RAS Implementation

The TOP shall ensure that the following information is provided prior to implementing a new RAS:

- Submit RAS documents for RC West review and approval in accordance with RC West [RC0690A PRC-012 Remedial Action Schemes - RAS Review Checklist](#) located on the RC Portal.
 - In general, **at least four weeks** is required by RC West and the WECC RASRS for review and approval.

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- Submit FNM modelling information for ICCP changes in accordance with RC West model submission requirements and timelines. Refer to [Modeling Changes User Guide for RC West Customers](#) and [Modelling Submission Checklist](#) located on the RC Portal.
 - In general, RC West requires model submission **two to five months** before the planned in-service date for the new RAS. Refer to the detailed FNM schedule located on the RC Portal > Western Interconnection Model Library.
- Submit OMS Outage Card indicating planned RAS in-service date in accordance with [RC West Outage Coordination Process \(RC0630\)](#).
 - In general, RC West requires outage submission **seven to fourteen days** prior to planned energization of new RAS, per the RC short-range outage study window.
- Contact the Real-time RC Desk to request RC Operator approval on the day of RAS energization.


2. RC Operator Responsibilities

As part of the nightly outage review, the RC Operator will review outages in the Outage Management System (OMS), and will identify planned energizing of new transmission equipment or RAS.

When the RC Operator identifies, or is notified of, planned energization of new BES transmission equipment or RAS, the RC Operator will verify the following (as applicable), prior to issuing approval to proceed with energization:

1. OMS Outage Card: Verify there is an OMS outage card tracking the planned energization, and switch modelling for new equipment.
2. Modelling: Verify new equipment is modelled in EMS and RTCA.
 - a. Validate equipment ratings with TOP and ensure they are populated correctly to RC West applications.
3. EMS Station Diagram: Verify station diagram in EMS is accurate

Note: *If station diagram or overviews need update, but modelling is accurate, the RC Operator may allow the equipment to be put in service, however the RC Operator should submit a Service Desk incident ticket.*
4. Contingency Definition: Request RMOE to verify contingency definition in RTCA.
5. RAS Definition: Request RMOE to confirm RAS modelling in RTCA, for new RAS.
6. RAS Database: For new RAS, confirm the RC Portal RAS database has been updated and related TOP RAS documents are available.
7. Request RMOE assessment to determine if there are any reliability issues with energizing the new equipment or RAS.

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3. Supporting Information

Operationally Affected Parties

Shared with the Public.

Version History

Version	Change	Date
1.0	New procedure attachment created and issued.	6/01/25

4. Periodic Review Procedure

Review Criteria & Incorporation of Changes

There are no specific review criteria identified for this document.

Frequency

Review at least once every three years.

Appendix

No references at this time.