 California ISO    RC West	Reliability Coordinator Procedure	Procedure No.	RC0650
		Version No.	3.4
		Effective Date	11/14/24
Steady-State and Dynamic System Model Validation: NERC MOD-033		Distribution Restriction: None	

## Table of Contents

1. Purpose.....	1
2. Introduction.....	1
3. System Behavior Data.....	1
4. Roles and Responsibilities.....	2
5. Supporting Information.....	3
Operationally Affected Parties .....	3
References .....	3
Definitions.....	3
Version History.....	3
6. Periodic Review Procedure .....	4
Review Criteria & Incorporation of Changes.....	4
Frequency.....	4
Appendix .....	4

## 1. Purpose


This document defines the process to provide actual system behavior data (or a written response when RC West does not have the requested data) to any Planning Coordinator performing validation under NERC Reliability Standard MOD-033-2, R2.

## 2. Introduction

NERC Reliability Standard MOD-033-2 (Steady-State and Dynamic System Model Validation) was created to establish consistent validation requirements to facilitate the collection of accurate data and building of planning models to analyze the reliability of the interconnected transmission system.

## 3. System Behavior Data

RC West collaborates with WECC to select at least two disturbance events annually for disturbance case development and to obtain system behavior data. This data includes: State Estimator cases and measurement data are available for each event, as well as WECC-prepared planning model base cases and dynamic data for the selected events. The system behavior data

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is posted in the MOD-033 Library at the RC West Portal for Planning Coordinator's use when performing model validation.

Planning Coordinators that do not have access to the MOD-033 Library or those that desire system behavior data other than what is available on the secure site shall provide a written request for system behavior data to RC West via CIDI system, as shown in Section 4. RC West will provide the actual system behavior data or a written response that it does not have the requested data to the requesting Planning Coordinator within 30 calendar days of the written request.

## 4. Roles and Responsibilities

The following table provides the roles and responsibilities associated with MOD-033-2.

Responsible Person	Req. No.	Responsibility
Planning Coordinator (PC)	MOD-033-2, R1	<ul style="list-style-type: none"> <li>Request system behavior data from RC West through CIDI system as needed to perform a documented data validation process. Please select an RC Inquiry case record type and an RC Category of "MOD-033-2".</li> <li>For entities that do not have access to CIDI system, please submit an email request to <a href="mailto:ServiceDesk@caiso.com">ServiceDesk@caiso.com</a> with "MOD-033" verbiage in subject line. The Service Desk will create a ticket and assign to CAISO engineering team.</li> </ul>
RC West Operations Engineering Team	MOD-033-2, R2	<ul style="list-style-type: none"> <li>Respond to data requests from PCs through the CAISO CIDI system.</li> <li>Post system behavior data on the secure site of MOD-033 Library.</li> </ul>

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## 5. Supporting Information

### Operationally Affected Parties

Shared with the Public.

### References

NERC Requirements	MOD-033-2, R1, R2
BA/TOP Operating Procedure	
Other References	

### Definitions


The following terms capitalized in this Operating Procedure are in accordance with the NERC Glossary, and/or otherwise when used are as defined below:

Term	Description
None	

### Version History

Version	Change	Date
1.0	Approved by Steering Committee.	3/12/19
1.1	Replaced CAISO RC with RC West and updated to RC West logo. Section 3: Updated to note that RC West collaborates with WECC. Section 4: Updated to provide more detail for clarity.	11/26/19
2.0	Annual review: Section 4: Updated 1st responsibility bullet for RC. Corrected MOD-033 references in Sections 3 and 4. Section 6: Updated review frequency to three years.	5/12/20
2.1	Section 4: Removed 1st responsibility bullet for RC, as it actually conflicts with review criteria and is not needed.	6/15/20
3.0	Annual Review: Updated NERC Standard MOD-033 references, including procedure title.	6/11/21
3.1	Annual Review: No changes.	8/24/22
3.2	Annual Review: No changes. 11/14/24: Errata change to version 3.2, was version 3.4.	12/01/23
3.3	Updated procedure title remove NERC Standard version. 11/14/24: Errata change to version 3.3, was version 3.5.	4/01/24

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Version	Change	Date
3.4	Annual Review: Minor formatting and punctuation edit. Errata Changes in Version History, correcting versions 3.2 and 3.3 (Originally published with correct version in procedure headers).	11/14/24

## 6. 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.