	Operating Procedure Attachment	Procedure No.	5210B
California ISO		Version No.	7.2
		Effective Date	1/01/24
	Generation Desk Logging	**Distribution Restriction: None**	

1. Purpose

Provides guidelines for the different logging scenarios used by the Generation Dispatcher.

Caution: Since Settlements reconciles and/or is supported by data from these entries, accurate and detailed log entries are critical. Discrepancies between log entries and the records of the other entities result in disputed settlement data.

2. Generation Logging Types

The following table represents Generation Desk-specific logging types and their descriptions. Refer to Figure 1 for a sample log for the Generation Desk.

Note: These logs are subject to change and may not be consistent with current SLIC log titles.

Log Title	Purpose
AS Non-Compliance	Log any manual CAISO instruction or CAISO system problem, which prevent a unit from delivering its Scheduled AS commodity. Send AS Compliance log to: ASNotifications@caiso.com for evaluation.
EDE Instructions for Generators / Correction-96 Hour	Log all manual dispatches that require changes in the data once they are out of the Generation Desk control.
Frequency Disturbance (Instantaneous Change)	Log all frequency deviations in which the change in frequency occurs in < 5 minutes and ACE x ΔHz ≤ -50. Include the cause of the deviation.
Frequency Excursion (Gradual Change)	Log all frequency deviations in which the change in frequency occurs in > 5 minutes and ACE x ΔHz ≤ -50. Include the cause of the deviation.
Generating Unit Relay Operation	Log all generator relays when actual output of the unit is above 150 MWs.
Generation Notes	Log events that may affect the normal performance of the Generation desk and cannot be logged in any other generation desk log. *Note: Mainly used to support further research and operational audits.*

Log Title	Purpose
Load Forecast Accuracy	This log should be used when the load forecast accuracy error is great enough to contact the Short Term Forecasting group due to deviation.
Load Shedding	Log load shedding requests regarding the CAISO grid.
Manual Assignment of Ancillary Services	Use this log when a manual assignment of AS is performed in real-time that did not go through the market process. ***Note:** If an RMR unit is assigned AS in real-time, email isopostprocessgroup@caiso.com.*
OR Event	Log when Operating Reserves (ORs) requirements are not met. There are three choices for deficiency: 1. The actual ORs were lower than the requirement. 2. Both of these conditions occurred. Select one of four possible dispatch reasons that reserves were dispatched: 1. Meet supply requirements for load variations. 2. Replace generating capacity and energy lost due to forced outages of generation or transmission equipment. 3. Meet on-demand obligations. 4. Replace energy lost due to curtailment of interruptible imports. Ensure the following information is included in the SLIC log: • The hour the OR requirement was not met (a separate log for each hour if ORs were not met in more than one hour). • Deficiency reason. • Event date and time. • Recovery time. • Whether or not Operating Reserves were dispatched (via drop down). • Reason ORs were dispatched. • OR requirement in MW. • OR actual in MW. • Percentage of ORs that are Spinning Reserves at the time of deficiency.

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Log Title	Purpose
Other Compliance Issues	• Log any manual CAISO instruction or CAISO system problem that causes a unit to incur Uninstructed Deviation Penalty (UDP) or the Metered Subsystem (MSS) Deviation Penalty. • Log items that may be a violation according to the Enforcement Protocol Non-AS compliance issues, questionable bids.
Potential Balancing Contingency Event	Log any loss of resources that you suspect may meet the BCE threshold. This includes multiple resources lost in the same minute, loss of intertie, or sudden drop of renewables. Use this log whether or not you are certain that the threshold was exceeded.
Real-Time Over-Generation	Log all Dispatch decisions, declarations, announcements, and orders, supported with reasons and data.
Regulatory Non-Compliance	Log any manual CAISO instruction or CAISO system problem that would prevent a unit from providing its scheduled Regulation.
RMR AS Instructions	Log Real-Time Reliability Must Run (RMR) AS dispatch.
Voltage Mitigation	Log abnormal Voltage Mitigation situations using a Generator only if the exceptional dispatch tool is not used.

Operationally Affected Parties

Shared with the Public.

References

Resources studied in the development of this procedure and that may have an effect upon some steps taken herein include but are not limited to:

CAISO Tariff	
CAISO Operating Procedure	
NERC Requirements	
WECC Criterion	
Other References	

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Definitions

Unless the context otherwise indicates, any word or expression defined in the Master Definitions Supplement to the CAISO Tariff shall have that meaning when capitalized in this Operating Procedure.

The following additional terms are capitalized in this Operating Procedure when used as defined below:

None.

Version History

Version	Change	Date
6.5	Section 1.2: Updated Frequency logging information. Formatting and grammar corrections.	2/06/18
7.0	Periodic Review: Section 2: Reorganized Logging Types table by Log Title alphabetically. Removed outdated items no longer utilized and included new ones that are. Removed Sections 3 and 4, as they apply to Transmission Desk and better suited in procedure 5210A. Removed Technical Review Section for consistency. Minor format and grammar updates.	8/28/20
7.1	Periodic Review: Section 2: Removed second bullet (Log all Exceptional Dispatches sent via ADS) from EDE Instructions for Generators, as this is no longer applicable. Updated instances of ISO to CAISO and removed history prior to five years.	11/09/23
7.2	Section 2: Removed bullet related to Legacy RMR units, as this is no longer applicable. Updated Generating Unit Relay Operation to reflect above 150 MWs to reflect current process. Removed second Note of Manual Assignment of Ancillary Services and removed option two for deficiency under OR Event, as these are no longer applicable.	1/01/24

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