

 California ISO	Operating Procedure	Procedure No.	4150
		Version No.	1.0
		Effective Date	7/31/26
Public Safety Power Shutoff Events		Distribution Restriction: None	

Table of Contents

Purpose.....	1
1. Responsibilities.....	1
2. Scope/Applicability	2
2.1 Background.....	2
2.2 Scope / Applicability	2
3. Procedure Detail.....	2
3.1 Public Safety Power Shutoff (PSPS) Event – Forecasted Potential	2
3.2 PSPS Event – Finalized.....	3
3.3 PSPS Event Impacting Multiple Balancing Authorities	4
4. Supporting Information.....	4
Operationally Affected Parties	4
References	4
Definitions.....	4
Version History.....	4
5. Periodic Review Procedure.....	5
Review Criteria & Incorporation of Changes.....	5
Frequency.....	5
Appendix.....	5

Purpose

This document provides guidelines for Transmission Operators to notify the California ISO of potential Public Safety Power Shutoff (PSPS) events.

1. Responsibilities

California Independent System Operator (CAISO)	Communicates with Transmission Operators and the Reliability Coordinator to plan for operating during forecasted and actual PSPS events.
Transmission Operators	Evaluate the impacts of forecasted and actual PSPS events and notifies the CAISO to perform impact assessments, identify mitigations and coordinate potential actual de-energizations.

*This document is controlled when viewed electronically.
When downloaded or printed, this document becomes UNCONTROLLED.*

 California ISO	Operating Procedure	Procedure No.	4150
		Version No.	1.0
		Effective Date	7/31/26
Public Safety Power Shutoff Events		Distribution Restriction: None	

2. Scope/Applicability

2.1 Background

To help prevent wildfires started from electrical equipment, Transmission Operators developed a program to forecast, identify and if needed, de-energize distribution and transmission equipment. This can impact the CAISO Balancing Authority (BA) with loss of load or deliverability of generation or imports. Proper planning and coordination helps maintain grid reliability and minimize impact to customer load.

2.2 Scope / Applicability

This procedure applies to Transmission Operators whose facilities are interconnected with or operate within the CAISO Balancing Authority Area and that may implement Public Safety Power Shutoff (PSPS) actions affecting transmission or distribution facilities.

This procedure establishes the notification, coordination, and communication requirements between Transmission Operators, the CAISO, the Reliability Coordinator, and other impacted Balancing Authorities for forecasted, planned, and actual PSPS events. It applies when a PSPS event has the potential to affect bulk electric system reliability, customer load, generation deliverability, transmission capability, interchange schedules, or other grid operating conditions within the CAISO Balancing Authority Area.

The requirements in this procedure apply from the initial identification of a potential PSPS event through final event implementation, restoration activities, and event conclusion.

3. Procedure Detail

3.1 Public Safety Power Shutoff (PSPS) Event – Forecasted Potential

When a potential PSPS event is forecasted in the timeframe from three (3) days ahead up to hours ahead on the operating day, then coordinate as follows:

Transmission Operator
1. Notify CAISO of potentially impacted Transmission Facilities as soon as available by emailing the list of facilities – including equipment names and voltages, start and end dates and times to isopsps@caiso.com. 2. Provide updates to the list of facilities as needed until the forecasted potential event(s) have ended and/or decision(s) have been made to proceed with de-energizing facilities.

 California ISO	Operating Procedure	Procedure No.	4150
		Version No.	1.0
		Effective Date	7/31/26
Public Safety Power Shutoff Events		Distribution Restriction: None	

CAISO Reliability Market Operations Engineer

1. **Assess and/or perform** studies with affected equipment out of service and **communicate** results to CAISO Operator.

CAISO System Operator

1. **Review** the results from RMOE studies, and **determine** what actions are necessary to maintain system reliability such as cancelling scheduled outages or generation commitment.
2. **Communicate** results and expected operating plan to PTO and RC.

3.2 PSPS Event – Finalized

When a potential PSPS decision is finalized, then coordinate as follows:

Transmission Operator

1. **Create** outage cards and **ensure** the cards are **sent** to CAISO, including the following information:
 - Equipment information
 - Outage start date and time
 - Outage end date and time
 - Emergency return time
 - Nature of Work
 - Short description of outage

CAISO System Operator

1. **Review** the outage card and **notify** the RMOE and RC.
2. **Request** the RMOE to perform studies with outages in effect.

CAISO Reliability Market Operations Engineer

1. **Assess and/or perform** studies with outages in effect.
2. **Communicate** results to CAISO System Operator.

CAISO System Operator

1. **Review** the results from RMOE studies and **determine** what actions are necessary to maintain system reliability such as cancelling scheduled outages or generation commitment.
2. **Communicate** results and expected operating plan to PTO and RC. (**Send GMS** if necessary.)

 California ISO	Operating Procedure	Procedure No.	4150
		Version No.	1.0
		Effective Date	7/31/26
Public Safety Power Shutoff Events		Distribution Restriction: None	

3.3 PSPS Event Impacting Multiple Balancing Authorities

When a potential or actual PSPS event will impact multiple Balancing Authorities, follow steps above in coordination with impacted Balancing Authorities and Reliability Coordinator.

4. Supporting Information

Operationally Affected Parties

Shared with the Public.

References

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

CAISO Tariff	
CAISO Operating Procedure	
NERC Standards	

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
1.0	New procedure created and issued.	7/31/26

*This document is controlled when viewed electronically.
When downloaded or printed, this document becomes UNCONTROLLED.*

 California ISO	Operating Procedure	Procedure No.	4150
		Version No.	1.0
		Effective Date	7/31/26
Public Safety Power Shutoff Events		Distribution Restriction: None	

5. Periodic Review Procedure

Review Criteria & Incorporation of Changes

There are no specific review criteria identified for this procedure, follow instructions in CAISO Operating Procedure 5510.

Frequency

Every three (3) years.

Appendix

No references currently.