Table of Contents

1. Procedure Detail .................................................................................................................. 2
   1.1. Purpose and Distribution ............................................................................................... 2
   1.1.1. Advisories, NOT Dispatch Instructions ..................................................................... 2
   1.1.2. Disclaimer .................................................................................................................. 2
   1.2. Issuance of System Emergency Notices ......................................................................... 3
   1.2.1. Flex Alert .................................................................................................................. 3
   1.2.2. Restricted Maintenance Operations Notice ............................................................ 3
   1.2.3. Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice .......................................................................................................................... 4
   1.2.4. Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice .......................................................................................................................... 5
   1.2.5. Generation Restricted Maintenance Operations Notice ........................................... 6
   1.2.6. Transmission Emergency Notice .............................................................................. 7
   1.2.7. Transmission Emergency - Firm Load Interruptions Notice ..................................... 8
   1.2.8. Alert/ Requesting EEA Watch Notice ...................................................................... 9
   1.2.9. Warning/ Requesting EEA 1 or 2 Notice ................................................................. 10
   1.2.10. Stage 1 / Requesting EEA 2 Notice ........................................................................ 11
   1.2.11. Stage 2 System Emergency/ Requesting EEA 3 Notice ......................................... 12
   1.2.12. 1-Hour Notification of Probable Load Interruptions ................................................ 13
   1.2.13. Stage 3 System Emergency/ Requesting EEA 3 Notice ......................................... 14
   1.2.14. Stage 3 System Emergency - Firm Load Interruptions Notice ............................. 16
   1.2.15. System Emergency Notice ..................................................................................... 16
   1.3. Termination of System Emergency Notices .................................................................. 17
   1.3.1. Flex Alert Cancellation Notice ................................................................................. 17
   1.3.2. Restricted Maintenance Operations Cancellation Notice ....................................... 18
   1.3.3. Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Cancellation Notice .............................................................................................................. 18
   1.3.4. Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Cancellation Notice .............................................................................................................. 19
   1.3.5. Generation Restricted Maintenance Operations Cancellation Notice ..................... 20
   1.3.6. Transmission Emergency Cancellation Notice ......................................................... 21
   1.3.7. Transmission Emergency - Firm Load Interruptions Cancellation Notice .............. 22
   1.3.8. Alert/ Potential EEA 1 Cancellation Notice ............................................................. 23
   1.3.9. Warning/ Requesting EEA 1 or 2 Cancellation Notice ............................................ 24
   1.3.10. Stage 1 System Emergency/ EEA 2 Cancellation Notice ..................................... 25
   1.3.11. Stage 2 System Emergency/ EEA 3 Cancellation Notice ..................................... 26
   1.3.12. Stage 3 System Emergency/ EEA 3 Cancellation Notice ..................................... 26
   1.3.13. Stage 3 System Emergency - Firm Load Interruptions Cancellation Notice ........... 27
   1.3.14. System Emergency Cancellation Notice .................................................................. 28

2. Supporting Information ....................................................................................................... 29
   Operationally Affected Parties ............................................................................................. 29
   References ............................................................................................................................ 29
   Definitions ............................................................................................................................. 29

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

1.1. Purpose and Distribution

The California ISO (CAISO) sends System Emergency notices when adverse grid or market conditions require activation of the CAISO Electrical Emergency Plan, which is implemented through the System Emergency procedures. Notices are targeted to control centers and communications departments of Participating Transmission Owners, Utility Distribution Companies, Metered Subsystems, Market Participants as well as state, federal, regulatory and oversight agencies. Not all System Emergency notices are necessarily sent to all recipients but rather to the stakeholders for each notice identified by the CAISO. Subsequent re-transmissions of these notices by media, public safety agencies, and others extend the audience to a much wider range of recipients than those specified above.

System Emergency notices may be issued on a California ISO Grid or Regional (Northern or Southern California) basis. In addition to the standardized text in the following pages, CAISO Operators can elect to provide additional details and descriptions specific to the event.

1.1.1. Advisories, NOT Dispatch Instructions

System Emergency notices do not serve as, nor should they be mistaken for, dispatch instructions or orders issued by the CAISO. They are advisories only and dispatch instructions relative to system emergencies will be issued through established modes.

1.1.2. Disclaimer

System Emergency notices are based on current conditions of the transmission grid system. While a System Emergency notice reflects the most current information available to the CAISO at the time of issuance, transmission grid system conditions are subject to sudden and rapid change without warning and the accuracy of any notice cannot be assured. These CAISO notices are provided solely for informational purposes. Reliance by any party on the contents of these CAISO notices, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand, or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of these CAISO notices shall be the sole responsibility of the recipient.
1.2. Issuance of System Emergency Notices

1.2.1. Flex Alert

**CAISO Grid, Northern CA Region, Southern CA Region, South OC San Diego Region, or VEA Region**

The California ISO has issued a Flex Alert for [the CAISO Grid, Northern CA Region, Southern CA Region, South OC San Diego Region or VEA Region] effective [Day], [Date].

Californians are urged to conserve electricity from [Date] at [Time] to [Date] at [Time] to avoid power disruptions.

A news release [is pending / has been issued]. For media inquiries, email ISOMedia@caiso.com.

1.2.2. Restricted Maintenance Operations Notice

**CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region**

CAISO Grid Restricted Maintenance Operations [Notice No.]

The California ISO is declaring [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] RESTRICTED MAINTENANCE OPERATION for the period from [Start Date], [Start Time] through [End Date], [End Time].

Reason: [CAISO is anticipating high loads and temperatures across the CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region].


Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.

Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.

Monitor system conditions on Today’s Outlook [http://www.caiso.com/TodaysOutlook/Pages/default.aspx] and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]
### 1.2.3. Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice

**Northern CA Region**

Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency [Notice No.]

The California ISO is declaring Northern CA Region RESTRICTED MAINTENANCE OPERATION for the period from [Start Date], [Start Time] through [End Date], [End Time].

Reason: [Natural gas curtailments in the Northern California area].


Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4120, Gas Transmission Pipeline Derates or Outages, will be in effect. Outages are not being Canceled at this time but need to follow the scheduled times to avoid cancellation. If outages need to be Cancelled, a separate RMO notice will be issued with additional information.

Market Participants are cautioned to avoid actions, which may jeopardize generator and/or transmission availability.

Monitor system conditions on Today's Outlook [http://www.caiso.com/TodaysOutlook/Pages/default.aspx](http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.
1.2.4. **Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice**

**Southern CA Region**

Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency [Notice No.]

The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from [Start Date], [Start Time] through [End Date], [End Time].

Reason: [Natural gas curtailments in the Southern California area].


Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4120, Gas Transmission Pipeline Derates or Outages, will be in effect. Outages are not being Canceled at this time but need to follow the scheduled times to avoid cancellation. If outages need to be Canceled, a separate RMO notice will be issued with additional information.

The California ISO will be using a gas nomogram in the Day-Ahead & Real-Time markets, along with approved outages, for the identified regions based on gas burn limits from the gas companies.

Transmission and generation operators are cautioned to avoid actions, which may jeopardize generator and/or transmission availability.
### Southern CA Region

Monitor system conditions on Today's Outlook [Link](http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [Notice Post Date]

---

**DISCLAIMER**

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

---

#### 1.2.5. Generation Restricted Maintenance Operations Notice

<table>
<thead>
<tr>
<th>CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERATION Restricted Maintenance Operations NOTIFICATION [Notice No.]</td>
</tr>
</tbody>
</table>

The California ISO is declaring [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] GENERATION Restricted Maintenance Operations for the period from [Start Date], [Start Time] through [End Date], [End Time].

Reason: [CAISO anticipates generation resources may be inadequate for the period covered by this notice].

Refer to the CAISO System Emergency Fact Sheet [Link](http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Additionally, Market Participants are cautioned to avoid actions which may jeopardize generator availability.

This notice does not restrict scheduled outages which do not affect generating resource availability.
CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [Notice Post Date]

---------------------------------- DISCLAIMER --------------------------------------
This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

------------------------------------------------------------------------

1.2.6. Transmission Emergency Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid TRANSMISSION EMERGENCY Notice [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] TRANSMISSION EMERGENCY Notice effective [Start Date], [Start Time] through [End Date], [End Time] based on conditions as of [Notice Post Date].

Reason: [Reason]

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]
1.2.7. Transmission Emergency - Firm Load Interruptions Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

Firm Load Interruption - Transmission Emergency Notice [Notice No.]

As of [Start Time] the California ISO has requested [Number/Value] MW of load to be shed due to the Transmission Emergency.

A separate notification will be made when load has been restored.

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.
1.2.8. Alert/ Requesting EEA Watch Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

STATEWIDE ALERT NOTICE [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] ALERT Notice, effective [Start Date], [Start Time] through [End Date], [End Time].

Reason: [Reason]

CAISO is forecasting a resource deficiency with all available resources in use or forecasted to be in use for the specified time period. CAISO anticipates that utilization of generators approved for emergency use under the utility California State Emergency Program (CSEP) and other load reduction and Emergency Demand Response Programs may be necessary during the specified time period. Utilities shall direct participating customers to prepare to utilize generators approved for emergency use and/or reduce load under these programs during the specified time period. If not already declared, CAISO may request the Reliability Coordinator declare an EEA Watch.

Conservation efforts are encouraged for the time period specified in this notice. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today’s Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]
1.2.9. Warning/ Requesting EEA 1 or 2 Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid WARNING NOTICE [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] WARNING Notice, effective [Start Date], [Start Time] through [End Date], [End Time].

Reason: [Reason]

CAISO is forecasting a resources deficiency with all available resources in use or forecasted to be in use for the specified time period. If not already declared, CAISO may request the Reliability Coordinator to declare an EEA-1.

Emergency Demand Response Programs may be necessary during the specified time period. If the Emergency Demand Response Programs are dispatched, then CAISO may request the Reliability Coordinator to declare an EEA-2.

Conservation efforts are encouraged for the time period specified in this notice. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.

Refer to the CAISO System Emergency Fact Sheet

Monitor system conditions on Today's Outlook
(http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]
1.2.10. Stage 1 / Requesting EEA 2 Notice

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 1 System Emergency Notice, effective [Start Date], [Start Time] through [End Date], [End Time].

Reason(s): [Reason]

CAISO is forecasting an energy deficiency with all available resources in use for the specified time period. During the specified time period utilities shall direct participating customers to utilize generators approved for emergency use and/or reduce load under the California State Emergency Program (CSEP) and other load reduction and Emergency Demand Response programs. To preserve grid reliability, CAISO will take actions in 4420 for a Stage 1 and request the Reliability Coordinator to declare an EEA-2. CAISO will request Utility Distribution Companies and Metered Subsystems voluntarily reduce usage of electricity.

Conservation efforts are encouraged for the time period specified in this notice. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.
1.2.11. Stage 2 System Emergency/ Requesting EEA 3 Notice

CAISO Grid, Northern CA Region, Southern CA Region or VEA Region

CAISO Grid Stage 2 System Emergency Notice [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 2 System Emergency Notice effective [Start Date], [Start Time] through [End Date], [End Time].

Reason: [Reason]

CAISO is forecasting an energy deficiency with all available resources in use for the specified time period. During the specified time period utilities shall direct participating customers to utilize generators approved for emergency use and/or reduce load under the California State Emergency Program (CSEP) and other load reduction and Emergency Demand Response programs. To preserve grid reliability, CAISO will take actions in 4420 for a Stage 2 and request the Reliability Coordinator declare an EEA-3. CAISO will be calling on Utility Distribution Companies to implement their Interruptible Loads and
1.2.12. 1-Hour Notification of Probable Load Interruptions

The CAISO anticipates the need to interrupt firm load for the period [Start Date], [Start Time] through [End Date], [End Time] in the amount of [MW amount] MW for each respective hour for the period [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] based on system conditions as of [Notice Post Date].

Maximum conservation efforts are encouraged for the time period specified in this notice. Utility Distribution Companies and Metered Subsystems shall await Operating Instructions from CAISO. If not already declared, CAISO will request the Reliability Coordinator to declare an EEA-3 and CAISO will issue a ‘Stage 3 System Emergency
1.2.13. Stage 3 System Emergency/ Requesting EEA 3 Notice

CAISO Grid, 
Northern CA Region, Southern CA Region or VEA Region 

CAISO Grid Stage 3 System Emergency Notice [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 3 System Emergency Notice effective [Start Date] at [Start Time] through [End Date] at [End Time].

Reason: [Reason]

CAISO is forecasting an energy deficiency with all available resources in use for the specified time period. During the specified time period utilities shall direct participating customers to utilize generators approved for emergency use and/or reduce load under the California State Emergency Program (CSEP) and other load reduction and Emergency Demand Response programs. To preserve grid reliability, CAISO will take
CAISO Grid, Northern CA Region, Southern CA Region or VEA Region

actions in 4420 for a Stage 3 and, if not already declared, request the Reliability Coordinator declare an EEA-3. Utility Distribution Companies and Metered Subsystems shall await Operating Instructions from the CAISO for load curtailments, use of Interruptible Loads and requests Out-of-Market (OOM) and Emergency Energy from all available sources. Maximum conservation efforts are requested.

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

------------------------------------------------------------------------------------------------------------- DISCLAIRMER -------------------------------------------------------------------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

-------------------------------------------------------------------------------------------------------------
1.2.14. Stage 3 System Emergency - Firm Load Interruptions Notice

CAISO Grid, Northern CA Region, Southern CA Region or VEA Region

Firm Load Interruption - Stage 3 System Emergency Notice [Notice No.]

As of [Start Time] the California ISO has requested [Number/Value] MW of load to be shed due to the Stage 3 System Emergency.

A separate notification will be made when load has been restored.

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

---------------------------------- DISCLAIMER ----------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

-----------------------------------------------------------------------------------

1.2.15. System Emergency Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid SYSTEM EMERGENCY Notice [Notice No.]

The California ISO hereby issues a [CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region] SYSTEM EMERGENCY Notice effective [Start Date], [Start Time] through [Start Date], [Start Time] based on conditions as of [[Notice Post Date]].
### 1.3. Termination of System Emergency Notices

#### 1.3.1. Flex Alert Cancellation Notice

<table>
<thead>
<tr>
<th>CAISO Grid, Northern CA Region, Southern CA Region, South OC San Diego Region, or VEA Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>The California ISO has concluded the Flex Alert issued for [[Effective Date]].</td>
</tr>
<tr>
<td>Thank you for your participation.</td>
</tr>
</tbody>
</table>
1.3.2. Restricted Maintenance Operations Cancellation Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid Restricted Maintenance Operations CANCELLATION [Notice No.]

Effective [Date, Time] the California Independent System Operator has terminated CAISO Grid Restricted Maintenance Operations.

CAISO Grid Restricted Maintenance Operations has been in effect since [[Effective Date]].

[Reason/details]

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today’s Outlook (http://www.caiso.com/TodaysOutlook/Pages/Default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

--------------------------------------------------------------------- DISCLAIMER ---------------------------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient’s decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

---------------------------------------------------------------------

1.3.3. Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Cancellation Notice

Northern CA Region

Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency CANCELLATION [Notice No.]
Northern CA Region

Effective [Date, Time] the California Independent System Operator has terminated Northern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency.

Northern CA Region Restricted maintenance Operations - Gas Supply Insufficiency has been in effect since [[Effective Date]].

[Reason/Details]

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

------------------------------------------------------------------------ DISCLAIMER ------------------------------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

------------------------------------------------------------------------------------------------------------------------------

1.3.4. Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Cancellation Notice

Southern CA Region

Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice CANCELLATION [Notice No.]

Effective [Date, Time] the California Independent System Operator has terminated _SOUTH_ CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice.

Southern CA Region Restricted Maintenance Operations - Gas Supply Insufficiency Notice has been in effect since [[Effective Date]].
### Southern CA Region

[Reason/Details]


Monitor system conditions on Today's Outlook [http://www.caiso.com/TodaysOutlook/Pages/default.aspx] and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

---------------------------------- DISCLAIMER --------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

----------------------------------

### 1.3.5. Generation Restricted Maintenance Operations Cancellation Notice

| CAISO Grid,  
 Northern CA Region, Southern CA Region, or VEA Region |
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CAISO Grid Generation Restricted Maintenance Operations CANCELLATION [Notice No.]</td>
</tr>
<tr>
<td>Effective [Date, Time] the California Independent System Operator has terminated CAISO Grid Generation Restricted Maintenance Operations.</td>
</tr>
<tr>
<td>CAISO Grid Generation Restricted Maintenance Operations has been in effect since [[Effective Date]].</td>
</tr>
<tr>
<td>[Reason/Details]</td>
</tr>
</tbody>
</table>

This document is controlled when viewed electronically.  
When downloaded or printed, this document becomes UNCONTROLLED.
Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

-------------------------------------------------- DISCLAIMER ----------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

--------------------------------------------------

1.3.6. Transmission Emergency Cancellation Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid Transmission Emergency CANCELLATION [Notice No.]

Effective [End Date, End Time] the California ISO terminates [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] TRANSMISSION EMERGENCY in effect since [[Effective Date]].

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on the Today's Outlook (http://www.caiso.com/TodaysOutlook/pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]
1.3.7. TransmissionEmergency - Firm Load Interruptions Cancellation Notice

CAISO Grid,
Northern CA Region, Southern CA Region, or VEA Region

Firm Load Interruptions - Transmission Emergency CANCELLATION [Notice No.]

As of [End time] the California ISO has canceled the request to shed load due to the Transmission Emergency.

Load has been restored.

Refer to the CAISO System Emergency Fact Sheet

Monitor system conditions on Today’s Outlook
(http://www.caiso.com/TodaysOutlook/pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

---------------------------------- DISCLAIMER ----------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changes, shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.
1.3.8. Alert/ Potential EEA 1 Cancellation Notice

STATEWIDE ALERT CANCELLATION NOTICE [Notice No.]

Effective [Date] at [Time], the California ISO terminates the [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] ALERT in effect since [[Effective Date]].

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

--------------------------------------------------- DISCLAIMER ---------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

---------------------------------------------------
1.3.9. Warning/ Requesting EEA 1 or 2 Cancellation Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid WARNING CANCELLATION NOTICE [Notice No.]

Effective [Date] at [Time] the California ISO terminates the [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] WARNING in effect since [[Effective Date]].

Refer to the CAISO System Emergency Fact Sheet

Monitor system conditions on Today's Outlook
(http://www.caiso.com/TodaysOutlook/pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

---------------------------------- DISCLAIMER ----------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

-----------------------------------------------------------------------------
### 1.3.10. Stage 1 System Emergency/ EEA 2 Cancellation Notice

**CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region**

<table>
<thead>
<tr>
<th>CAISO Grid Stage 1 System Emergency CANCELLATION NOTICE [Notice No.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective [Date] at [Time] the California ISO terminates the [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 1 System Emergency in effect since [[Effective Date]].</td>
</tr>
</tbody>
</table>


Monitor system conditions on Today's Outlook ([http://www.caiso.com/TodaysOutlook/Pages/default.aspx](http://www.caiso.com/TodaysOutlook/Pages/default.aspx)) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

--- DISCLAIMER ---

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

---
1.3.11. Stage 2 System Emergency/ EEA 3 Cancellation Notice

<table>
<thead>
<tr>
<th>CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective [Date] at [Time] the California ISO terminates the [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 2 System Emergency in effect since [[Effective Date]].</td>
</tr>
</tbody>
</table>

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

-----------------------------------------------------------------------------------------------------------------

DISCLAIMER

-----------------------------------------------------------------------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action against the CAISO. Any recipient's decisions or actions that may be based in any way whatsoever on the contents of this CAISO notice shall be the sole responsibility of the recipient.

-----------------------------------------------------------------------------------------------------------------

1.3.12. Stage 3 System Emergency/ EEA 3 Cancellation Notice

<table>
<thead>
<tr>
<th>CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAISO Grid Stage 3 System Emergency CANCELLATION Notice [Notice No.]</td>
</tr>
</tbody>
</table>

Effective [Date] at [Time] the California ISO terminates the [CAISO Grid, Northern CA Region, Southern CA Region or VEA Region] Stage 3 System Emergency in effect since [[Effective Date]].
1.3.13. Stage 3 System Emergency - Firm Load Interruptions Cancellation Notice

CAISO Grid,
Northern CA Region, Southern CA Region, or VEA Region

Firm Load Interruptions - Stage 3 System Emergency CANCELLATION [Notice No.]

As of [Time] the California ISO has cancelled the request to shed load due to the Stage 3 System Emergency.

Load has been restored.

Refer to the CAISO System Emergency Fact Sheet

Monitor system conditions on Today’s Outlook
(http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.
1.3.14. System Emergency Cancellation Notice

CAISO Grid, Northern CA Region, Southern CA Region, or VEA Region

CAISO Grid System Emergency CANCELLATION [Notice No.]

Effective [Date, Time] the California ISO terminates the CAISO Grid SYSTEM EMERGENCY in effect since [[Effective Date]].

Refer to the CAISO System Emergency Fact Sheet (http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf) for additional detail.

Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.

Notice issued at: [[Notice Post Date]]

------------------------------------------------------ DISCLAIMER -----------------------------------------------------

This CAISO notice is based on the current conditions of the transmission grid system. While this CAISO notice reflects the most current information available to the CAISO, because transmission grid system conditions are subject to sudden and rapid change without warning, the accuracy of this notice cannot be assured. This CAISO notice is provided solely for informational purposes. Reliance by any party on the contents of this CAISO notice, regardless of any errors, omissions, inaccuracies, and/or subsequent changed conditions shall not be made the basis for any claim, demand or cause for action.
2. Supporting Information

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                  | 4420 System Emergency
|-------------------------------|--------------------------
| CAISO Operating Procedure     | 4510 Load Management Programs and Underfrequency Load Shedding
| NERC Requirements             |
| WECC Criterion                |
| Other References              |

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

<table>
<thead>
<tr>
<th>Version</th>
<th>Change</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5</td>
<td>Modified the sections for Stage 2 and 3 emergencies. Added Version History and a Technical Review Section.</td>
<td>7/16/2014</td>
</tr>
<tr>
<td>8.1</td>
<td>Annual Review:</td>
<td>6/29/2017</td>
</tr>
<tr>
<td></td>
<td>- Aligned Flex Alert templates in procedure with AWE Tool template, per Communications request.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Minor formatting and grammar throughout.</td>
<td></td>
</tr>
<tr>
<td>8.0</td>
<td>Errata Change: version of last publish should reflect 8.0, but was noted as 8.1 in Version History only.</td>
<td></td>
</tr>
<tr>
<td>8.1</td>
<td>Added Section 1.2.11 and 1.2.12 for Restricted Maintenance Operations Northern and Southern CA – Gas Supply Insufficiency added to AWE Tool. Noted Errata Change for version of last update in Version History. Minor formatting and grammar updates. Updated language of notices per updated templates (added California, replaced ISO with CAISO, and added websites references).</td>
<td>8/28/2018</td>
</tr>
<tr>
<td>9.0</td>
<td>Annual Review:</td>
<td>6/15/2021</td>
</tr>
<tr>
<td></td>
<td>- Updating messaging; changed order of alerts to be consistent with 4420, 4420B, Flex Alert, RMO, Transmission Emergency, Alert, Warning, etc. Updated instances of ISO to CAISO. Updated energy emergency language for warning, stages 1, 2, and 3. Added Table of Contents.</td>
<td></td>
</tr>
<tr>
<td>9.1</td>
<td>AWE messages modified to add references and actions related to demand response and the California State Emergency Program (CSEP).</td>
<td>8/20/2021</td>
</tr>
</tbody>
</table>