### Summary of Restricted Maintenance Operations, Alert, Warning, Emergency, and Flex Alert Notices Issued from 1998 to Present

<table>
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<th>2000</th>
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**NOTES:** "No Touch" (as shown on previous "Detail" sheets) was replaced with "Restricted Maintenance Operations" in 2002
Flex Alerts are a call to consumers to voluntarily conserve energy when demand for power could outstrip supply. This generally occurs during heatwaves when electrical demand is high. The ISO can declare a Flex Alert whenever there is expected stress on the system. Visit http://www.flexalert.org for more information on Flex Alerts, how to conserve energy, and to sign up for notifications.

RMO (Restricted Maintenance Operations) requires generators and transmission operators to postpone any planned outages for routine equipment maintenance, ensuring all grid assets are available for use.

Alerts Issued by 3 p.m. the day before anticipated energy deficiency. The ISO may require additional resources to avoid an emergency.

Warnings indicate that grid operators anticipate using operating reserves. Activates demand response programs (voluntary load reduction) to decrease overall demand.

Stage 1 Emergency is declared by the ISO Contingency Reserve shortfalls exist or are forecast to occur. Strong need for conservation.

Stage 2 Emergency is declared by the ISO when all mitigating actions have been taken and the ISO is no longer able to provide for its expected energy requirements. Requires ISO intervention in the market, such as ordering power plants online.

Stage 3 Emergency is declared by the ISO when unable to meet minimum contingency reserve requirements, and load interruption is imminent or in progress. Notice issued to utilities of potential electricity interruptions through firm load shedding.

Transmission Emergency is declared by the ISO for any event threatening or limiting transmission grid capability, including line or transformer overloads or loss. A Transmission Emergency notice can be issued on a system-wide or regional basis.

1-Hour Probable Load Interruptions is declared by the ISO to encourage maximum conservation efforts for the time period. Utility Distribution Companies and Metered Subsystems await further orders from the ISO. This notice is being issued in compliance with the Governor's Executive Order D-38-01.
### AWE Declarations

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 2/12/2021| Friday  | Southern CA| 02/13/2021 06:00 through 02/15/2021 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [202102512]  
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/13/2021 06:00 through 02/15/2021 22:00.  
Reason:  
Due to extreme weather and potential impact to gas supply  
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: 02/12/2021 14:14 |
<table>
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<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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</table>
| 2/14/2021 | Sunday | Southern CA | 02/14/2021 14:43 through 02/17/2021 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [202102513]  
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/14/2021 14:43 through 02/17/2021 22:00.  
Reason:  
Due to extreme weather and potential impact to gas supply  
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](http://www.caiso.com/TodaysOutlook/Pages/default.aspx)) and check with local electric utilities for additional information.  
This notice supersedes notice 202102512 Southern CA Region Restricted Maintenance Operations Notice issued 02/12/2021 14:14  
Notice issued at: 02/14/2021 14:44 |
<table>
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<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 2/16/2021 | Tuesday | Southern CA | 02/16/2021 15:01 through 02/19/2021 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [202102516]  
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/16/2021 15:01 through 02/19/2021 22:00.  
Reason:  
| Due to extreme weather and potential impact to gas supply  
| 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.  
<p>| Notice issued at: 02/16/2021 15:02 |</p>
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<thead>
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<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 2/18/2021| Thursday| Southern CA | 02/18/2021 14:58 through 02/20/2021 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [202102517]  
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/18/2021 14:58 through 02/20/2021 22:00.  
Reason:  
Due to extreme weather and potential impact to gas supply.  
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.  
This notice supersedes notice 202102516 Southern CA Region Restricted Maintenance Operations Notice issued 02/16/2021 15:02  
Notice issued at: 02/18/2021 14:59 |
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/15/2021 12:00 through 06/15/2021 22:00.

Reason:
The ISO is anticipating high loads and temperatures across the CAISO Grid.


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: 06/11/2021 13:55

<table>
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<th>Time Frame</th>
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<td>ISO</td>
<td>06/15/2021 12:00 through 06/15/2021 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202102530]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/15/2021 12:00 through 06/15/2021 22:00.</td>
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<td></td>
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<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Date</td>
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<td>AWE Event</td>
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| 6/16/2021 | Wednesday | ISO    | 06/16/2021 12:00 through 06/16/2021 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102527]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/16/2021 12:00 through 06/16/2021 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across ||the CAISO Grid.  
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: 06/11/2021 11:00 |
<table>
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<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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</table>
| 6/17/2021| Thursday| ISO    | 06/17/2021 12:00 through 06/17/2021 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102528]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/17/2021 12:00 through 06/17/2021 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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: 06/11/2021 11:02 |
| 6/17/2021| Thursday| ISO    | 06/17/2021 17:00 through 06/17/2021 22:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Thursday, June 17, 2021.  
Californians are urged to conserve electricity from June 17 at 5:00 PM to June 17 at 10:00 PM to avoid power disruptions.  
A news release is pending / has been issued. For media inquiries, email ISOMedia@caiso.com. |
<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
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<td>6/17/2021</td>
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<td>06/17/2021 19:00 through 06/17/2021 21:00</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202102535]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice,</td>
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<td>effective 06/17/2021 19:00 through 06/17/2021 21:00.</td>
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<td>Reason:</td>
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<td></td>
<td></td>
<td>Energy deficiency.</td>
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<td>CAISO is forecasting a resources deficiency with all available</td>
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<td>resources in use or forecasted to be in use for the specified time</td>
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<td>period. If not already declared, CAISO may request the Reliability</td>
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<td>Coordinator to declare an EEA-1.</td>
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<td>If the Emergency Demand Response Programs are dispatched, then CAISO</td>
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<td>may request the Reliability Coordinator to declare an EEA-2.</td>
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<td>Conservation efforts are encouraged for the time period specified in</td>
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<td>this notice. Energy Market Participants are encouraged to offer</td>
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<td>additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Refer to the CAISO System Emergency Fact Sheet</td>
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<td>Monitor system conditions on Today's Outlook</td>
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<td>(<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with</td>
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<td>local electric utilities for additional information.</td>
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<td>Notice issued at: 06/17/2021 13:22</td>
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<tr>
<td>6/18/2021</td>
<td>Friday</td>
<td>ISO</td>
<td>06/18/2021 12:00 through 06/18/2021 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/18/2021 12:00 through 06/18/2021 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. Refer to the ISO System Emergency Fact Sheet (<a href="http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf">http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf</a>) for additional detail. 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 (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
</tr>
<tr>
<td>6/18/2021</td>
<td>Friday</td>
<td>ISO</td>
<td>06/18/2021 18:00 through 06/18/2021 21:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Friday, June 18, 2021. Californians are urged to conserve electricity from June 18 at 6:00 PM to June 18 at 9:00 PM to avoid power disruptions. A news release is pending / has been issued. For media inquiries, email <a href="mailto:ISOMedia@caiso.com">ISOMedia@caiso.com</a>.</td>
</tr>
<tr>
<td>7/9/2021</td>
<td>Friday</td>
<td>ISO</td>
<td>07/09/2021 16:00 through 07/09/2021 21:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Friday, July 9, 2021. Californians are urged to conserve electricity from July 9 at 4:00 PM to July 9 at 9:00 PM to avoid power disruptions. A news release is pending. For media inquiries, email <a href="mailto:ISOMedia@caiso.com">ISOMedia@caiso.com</a>.</td>
</tr>
</tbody>
</table>
### CAISO Grid WARNING NOTICE [202102544]

The California ISO hereby issues a CAISO Grid WARNING Notice, effective 07/09/2021 17:00 through 07/09/2021 22:00.

**Reason:**

Due to loss of resources and fire threat to the transmission system.

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.

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.


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: 07/09/2021 14:05

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<th>Time Frame</th>
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<tr>
<td>7/9/2021</td>
<td>Friday</td>
<td>ISO</td>
<td>07/09/2021 17:00 through 07/09/2021 22:00</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202102544]</td>
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### AWE Grid History Report

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<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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</thead>
</table>
| 7/9/2021 | Friday   | ISO    | 07/09/2021 18:32 through 07/09/2021 21:00 | Stage 2       | **CAISO Grid Stage 2 System Emergency Notice [202102546]**  
**Reason:**  
Due to loss of resources and transmission facilities due to fire.  
CAISO is forecasting an energy deficiency with all available resources in use for the specified time period. To preserve grid reliability, CAISO will take actions in 4420 sect 3.5.4 and request the Reliability Coordinator declare an EEA-3. CAISO will be calling on Utility Distribution Companies to implement their Interruptible Loads and requests maximum conservation. 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: 07/09/2021 18:48 |
| 7/10/2021| Saturday | ISO    | 07/10/2021 06:00 through 07/10/2021 22:00 | RMO           | **CAISO Grid Restricted Maintenance Operations [202102543]**  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/10/2021 06:00 through 07/10/2021 22:00.  
**Reason:**  
The CAISO is anticipating high loads and temperatures across the CAISO Grid. **CAISO will contact Transmission Operators and Scheduling Coordinators if scheduled work needs to be postponed or modified.**  
### AWE Grid History Report

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<tr>
<th>Date</th>
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<td>7/10/2021</td>
<td>Saturday</td>
<td>ISO</td>
<td>07/10/2021 16:00 through 07/10/2021 21:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Saturday, July 10, 2021. Californians are urged to conserve electricity from July 10 at 4:00 PM to July 10 at 9:00 PM to avoid power disruptions. A news release is pending / has been issued. For media inquiries, email <a href="mailto:ISOMedia@caiso.com">ISOMedia@caiso.com</a>.</td>
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</table>

### CAISO Grid WARNING NOTICE [202102550]

The California ISO hereby issues a CAISO Grid WARNING Notice, effective 07/10/2021 17:00 through 07/10/2021 21:00.

**Reason:**

CAISO has lost resources due to fire and is anticipating high loads.

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.

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 (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: 07/10/2021 12:33
### AWE Grid History Report

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<th>Date</th>
<th>Day</th>
<th>Region</th>
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<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 7/12/2021| Monday  | ISO    | 07/12/2021 16:00 through 07/12/2021 21:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102554]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/12/2021 16:00 through 07/12/2021 21:00.  
Reason:  
The CAISO is anticipating high loads and temperatures across the CAISO Grid. **CAISO will contact Transmission Operators and Scheduling coordinators if scheduled work needs to be postponed or modified.**  
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: 07/11/2021 08:55 |
| 7/12/2021| Monday  | ISO    | 2021-07-12 16:00:00 through 2021-07-12 21:00:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Monday, July 12, 2021.  
Californians are urged to conserve electricity from July 12 at 4:00 PM to July 12 at 9:00 PM to avoid power disruptions.  
A news release is pending / has been issued. For media inquiries, email ISOMedia@caiso.com. |
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<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
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</thead>
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<td>7/23/2021</td>
<td>Friday</td>
<td>ISO</td>
<td>07/27/2021 12:00 through 07/28/2021 21:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202102558]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/27/2021 12:00 through 07/28/2021 21:00.</td>
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<td>Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. Transmission Operators and Generation Operators will be contacted if any currently scheduled outages need to be cancelled or revised.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 07/23/2021 12:34</td>
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</table>
| 7/26/2021 | Monday    | ISO    | 07/29/2021 12:00 through 07/29/2021 21:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102559]  
  The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period  
  from 07/29/2021 12:00 through 07/29/2021 21:00.  
  Reason:  
  The ISO is anticipating high loads and temperatures across the CAISO Grid. Transmission Operators and Generation Operators will be contacted if any currently scheduled outages needs to be cancelled or revised.  
  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: 07/26/2021 11:08 |
| 7/28/2021 | Wednesday | ISO    | 07/28/2021 16:00 through 07/28/2021 21:00 | Flex Alert | NOTICE 202102560: Flex Alert STATEWIDE 07/28/2021 16:00 through 07/28/2021 21:00  
  The California ISO has issued a Flex Alert for the CAISO Grid effective Wednesday, July 28, 2021.  
  Californians are urged to conserve electricity from July 28 at 4:00 PM to July 28 at 9:00 PM to avoid power disruptions. |
### CAISO Grid WARNING NOTICE [202102563]

The California ISO hereby issues a CAISO Grid WARNING Notice, effective 07/29/2021 18:00 through 07/29/2021 21:00.

**Reason:**
Forecasting an energy deficiency.

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.

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 (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: 07/29/2021 17:04

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<td>Thursday</td>
<td>ISO</td>
<td>07/29/2021 18:00 through 07/29/2021 21:00</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202102563]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice, effective 07/29/2021 18:00 through 07/29/2021 21:00.</td>
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<td><strong>Reason:</strong> Forecasting an energy deficiency.</td>
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<td>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.</td>
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<td>If the Emergency Demand Response Programs are dispatched, then CAISO may request the Reliability Coordinator to declare an EEA-2.</td>
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<td>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.</td>
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<td>Refer to the CAISO System Emergency Fact Sheet (<a href="http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf">http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf</a>) for additional detail.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 07/29/2021 17:04</td>
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</tbody>
</table>
The California ISO is declaring CAISO Grid Restricted Maintenance Operations for the period from 08/11/2021 12:00 through 08/11/2021 22:00.

Reason:
The CAISO is anticipating high loads and temperatures across the CAISO Grid. CAISO will contact Transmission Operators and Scheduling Coordinators if scheduled work needs to be postponed or modified.


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: 08/10/2021 14:40
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<tr>
<td>8/10/2021</td>
<td>Tuesday</td>
<td>ISO</td>
<td>08/12/2021 12:00 through 08/12/2021 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202102567]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/12/2021 12:00 through 08/12/2021 22:00.</td>
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<td>The CAISO is anticipating high loads and temperatures across the CAISO Grid. CAISO will contact Transmission Operators and Scheduling Coordinators if scheduled work needs to be postponed or modified.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/10/2021 14:42</td>
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| 8/10/2021| Tuesday   | ISO    | 08/13/2021 12:00 through 08/13/2021 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102568]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/13/2021 12:00 through 08/13/2021 22:00.  
Reason:  
The CAISO is anticipating high loads and temperatures across the CAISO Grid. CAISO will contact Transmission Operators and Scheduling Coordinators if scheduled work needs to be postponed or modified.  
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: 08/10/2021 14:47 |
<table>
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<td>8/12/2021</td>
<td>Thursday</td>
<td>ISO</td>
<td>08/16/2021 12:00 through 08/16/2021 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202102570]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/16/2021 12:00 through 08/16/2021 22:00.</td>
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<td>Reason: The CAISO is anticipating high loads and temperatures across the CAISO Grid. CAISO will contact Transmission Operators and Scheduling Coordinators if scheduled work needs to be postponed or modified.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/12/2021 13:58</td>
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</table>
| 9/7/2021 | Tuesday | ISO    | 09/08/2021 12:00 through 09/08/2021 21:00 | RMO       | **CAISO Grid Restricted Maintenance Operations [202102574]**  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/08/2021 12:00 through 09/08/2021 21:00.  
Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid and gas supply concerns in Southern CA.  
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: 09/07/2021 16:33  
CAISO Grid Restricted Maintenance Operations [202102574]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/08/2021 12:00 through 09/08/2021 21:00.  
| 9/7/2021 | Tuesday | ISO    | 09/08/2021 16:00 through 09/08/2021 21:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Wednesday, September 8, 2021.  
Californians are urged to conserve electricity from September 8 at 4:00 PM to September 8 at 9:00 PM to avoid power disruptions.  
Visit our News webpage at: http://www.caiso.com/about/Pages/News/default.aspx for a news release and more information on grid conditions.  |
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</table>
| 9/8/2021 | Wednesday | ISO    | 09/09/2021 12:00 through 09/09/2021 21:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102576]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/09/2021 12:00 through 09/09/2021 21:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid and gas supply concerns in Southern CA.  
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: 09/08/2021 08:50 |
| 9/8/2021 | Wednesday | ISO    | 09/09/2021 16:00 through 09/09/2021 21:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Thursday, September 9, 2021.  
Californians are urged to conserve electricity from September 9 at 4:00 PM to September 9 at 9:00 PM to avoid power disruptions.  
Visit our News webpage at: http://www.caiso.com/about/Pages/News/default.aspx for a news release and more information on grid conditions.  |
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</table>
| 9/9/2021| Thursday | ISO    | 09/10/2021 12:00 through 09/10/2021 21:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202102580]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/10/2021 12:00 through 09/10/2021 21:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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: 09/09/2021 08:23 |
Alert, Warning, and Emergencies Record For 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 1/17/2020 | Friday | Northern CA | 06:01-23:59 | Transmission Emergency | Northern CA Region TRANSMISSION EMERGENCY Notice [202002406]  
The California ISO hereby issues a Northern CA Region TRANSMISSION EMERGENCY Notice effective 01/17/2020 06:01 through 01/17/2020 23:59 based on conditions as of 01/17/2020 06:06.  
Reason:  
Due to weather conditions in Humboldt Area.  
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: 01/17/2020 06:06 |
<table>
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<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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</thead>
</table>
| 8/12/2020 | Wednesday | ISO    | 08/14/2020 06:00 through 08/17/2020 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202002416]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/14/2020 06:00 through 08/17/2020 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
Refer to the ISO System Emergency Fact Sheet  
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: 08/12/2020 06:55 |
<table>
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<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 8/13/2020 | Thursday | ISO    | 08/14/2020 17:00 through 08/14/2020 21:00 | Alert     | STATEWIDE ALERT NOTICE [202002418]  
The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/14/2020 17:00 through 08/14/2020 21:00.  
Reason:  
The CAISO is forecasting a possible system reserve deficiency between the hours of 1700-2100 and is requesting additional Ancillary Service and energy bids.  
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.  
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: 08/13/2020 14:57 |
The California ISO has issued a Flex Alert for the CAISO Grid effective Friday, August 14, 2020. Californians are urged to conserve electricity from August 14 at 3:00 PM to August 14 at 10:00 PM to avoid power disruptions.

A news release has been issued. The ISO media hotline is (888)516-NEWS.
<table>
<thead>
<tr>
<th>Date</th>
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<th>AWE Event</th>
<th>Reason</th>
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</thead>
<tbody>
<tr>
<td>8/14/2020</td>
<td>Friday</td>
<td>ISO</td>
<td>08/14/2020 15:20 through 08/14/2020 21:00</td>
<td>Stage 2</td>
<td>CAISO Grid Stage 2 System Emergency Notice [202002423]</td>
</tr>
<tr>
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<td>The California ISO hereby issues a CAISO Grid Stage 2 System Emergency Notice effective 08/14/2020 15:20 through 08/14/2020 23:59.</td>
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<td>Reason:</td>
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<td>The CAISO has become reserve deficient and is taking steps to recover.</td>
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<td>The ISO will be calling on UDC’s to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/14/2020 15:25 Cancellation issued at : 8/14/2020 21:00:00</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
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</table>
| 8/14/2020| Friday  | ISO    | 08/14/2020 at 18:36 through 08/14/2020 at 20:38 | Stage 3   | CAISO Grid STAGE 3 System Emergency Notice [202002424]

The California ISO hereby issues a CAISO Grid Stage 3 System Emergency Notice effective 08/14/2020 at 18:36 through 08/14/2020 at 23:59.

Reason:
California ISO is Reserve Deficient.


The ISO requires load curtailments, use of Interruptible Loads* and requests Out-of-Market (OOM) and Emergency Energy from all available sources.
Maximum conservation efforts are requested.

Spinning Reserves have depleted or are forecast to deplete to levels below minimum requirements. Load curtailments are required and will continue until such time as sufficient Spinning Reserves are available.

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: 08/14/2020 18:38
Cancellation issued at: 8/14/2020 20:38:00
### AWE Grid History Report

<table>
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<tbody>
<tr>
<td>8/14/2020</td>
<td>Friday</td>
<td>ISO</td>
<td>08/15/2020 17:00 to 08/15/2020 21:00</td>
<td>Alert</td>
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</tbody>
</table>

#### Reason
STATEWIDE ALERT NOTICE [202002422]

The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/15/2020 17:00 through 08/15/2020 21:00.

Reason:
The CAISO is forecasting a possible system reserve deficiency between the hours of 1700-2100 and is requesting additional Ancillary Service and energy bids.


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.

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: 08/14/2020 14:24
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>8/14/2020</td>
<td>Friday</td>
<td>ISO</td>
<td>08/14/2020 12:00 through 08/14/2020 23:59</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202002419]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice, effective 08/14/2020 17:00 through 08/14/2020 21:00.</td>
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<td>Reason: The CISO is forecasting a possible system reserve deficiency between the hours of 1700 – 2100 and is requesting additional Ancillary Service and energy bids.</td>
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<td>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.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/14/2020 11:51</td>
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<tr>
<td>8/15/2020</td>
<td>Saturday</td>
<td>ISO</td>
<td>08/15/2020 18:15 through 08/15/2020 20:00</td>
<td>Stage 2</td>
<td>CAISO Grid Stage 2 System Emergency Notice [202002433]</td>
</tr>
</tbody>
</table>


Reason:
High Temperatures and High Loads


The ISO will be calling on UDC's to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.

Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.

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: 08/15/2020 18:16
Cancellation issued at: 8/15/2020 20:00:00
## AWE Grid History Report

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<th>AWE Event</th>
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<tr>
<td>8/15/2020</td>
<td>Saturday</td>
<td>ISO</td>
<td>08/15/2020 at 18:27 through 08/15/2020 at 18:48</td>
<td>Stage 3</td>
<td>CAISO Grid STAGE 3 System Emergency Notice [202002434]</td>
</tr>
</tbody>
</table>


Reason:
California ISO is Reserve Deficient.


The ISO requires load curtailments, use of Interruptible Loads* and requests Out-of-Market (OOM) and Emergency Energy from all available sources. Maximum conservation efforts are requested.

Spinning Reserves have depleted or are forecast to deplete to levels below minimum requirements. Load curtailments are required and will continue until such time as sufficient Spinning Reserves are available.

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: 08/15/2020 18:28
Cancellation issued at: 8/15/2020  18:48:00
The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/16/2020 17:00 through 08/16/2020 21:00.

Reason:
The CAISO is forecasting a possible system reserve deficiency between the hours of 1700-2100 and is requesting additional Ancillary Service and energy bids.


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.

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: 08/15/2020 14:55
## AWE Grid History Report

<table>
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<th>Date</th>
<th>Day</th>
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<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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<tbody>
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<td>8/15/2020</td>
<td>Saturday</td>
<td>ISO</td>
<td>08/15/2020 12:00 through 08/15/2020 23:59</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202002431]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice, effective 08/15/2020 12:00 through 08/15/2020 23:59.</td>
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<td>Reason:</td>
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<td>The CISO is forecasting a possible system reserve deficiency between the hours of 1700 – 2100 and is requesting additional Ancillary Service and energy bids.</td>
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<td>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.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/15/2020 12:26</td>
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<td>Date</td>
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<tr>
<td>8/16/2020</td>
<td>Sunday</td>
<td>ISO</td>
<td>08/16/2020 19:16 through 08/19/2020 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202002443]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/16/2020 19:16 through 08/19/2020 22:00.</td>
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<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/16/2020 19:18</td>
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<tr>
<td>8/16/2020</td>
<td>Sunday</td>
<td>ISO</td>
<td>08/16/2020 15:00 to 08/19/2020 22:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Sunday, August 16, 2020. Californians are urged to conserve electricity from August 16 at 3:00 PM to August 19 at 10:00 PM to avoid power disruptions. A news release has been issued. The ISO media hotline is (888)516-NEWS.</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
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<td>Time Frame</td>
<td>AWE Event</td>
<td>Reason</td>
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<tr>
<td>8/16/2020</td>
<td>Sunday</td>
<td>ISO</td>
<td>08/17/2020 14:00 through 08/17/2020 21:30</td>
<td>Alert</td>
<td>STATEWIDE ALERT NOTICE [202002441]</td>
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<td>The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/17/2020 14:00 through 08/17/2020 22:00.</td>
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<td>The CAISO is forecasting a possible system reserve deficiency between the hours of 1400-2200 and is requesting additional Ancillary Services and energy bids.</td>
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<td>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.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/16/2020 13:21</td>
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<td>Cancellation notice issued at: 8/17/2020 21:30:00</td>
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<td>Date</td>
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</table>
| 8/16/2020 | Sunday | ISO    | 08/16/2020 12:00 through 08/16/2020 23:59 | Warning   | CAISO Grid WARNING NOTICE [202002440]

The California ISO hereby issues a CAISO Grid WARNING Notice, effective 08/16/2020 12:00 through 08/16/2020 23:59.

Reason:
The CISO is forecasting a possible system reserve deficiency between the hours of 1800 and 2000 and is requesting additional Ancillary Service and energy bids.


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.

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: 08/16/2020 11:49
<table>
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<tr>
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<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
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<tbody>
<tr>
<td>8/17/2020</td>
<td>Monday</td>
<td>ISO</td>
<td>08/17/2020 12:00 through 08/17/2020 21:00</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202002446]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice, effective 08/17/2020 12:00 through 08/17/2020 23:59.</td>
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<td>Reason: The CAISO is forecasting a possible system reserve deficiency between the hours of 1500 and 2200.</td>
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<td>Conservation efforts are encouraged for the time period specified in this notice.</td>
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<td>Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/17/2020 11:59</td>
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<td>Cancellation issued at: 8/17/2020  21:00:00</td>
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<td>Date</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/17/2020 16:30 through 08/21/2020 23:59.</td>
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<td>Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>This notice supersedes notice 202002443 CAISO Grid Restricted Maintenance Operations Notice issued 08/16/2020 19:18</td>
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<td>Notice issued at: 08/17/2020 16:10</td>
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<td>Cancellation issued at: 8/17/2020  22:00:00</td>
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<td>The ISO will be calling on UDC's to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 08/17/2020 15:32</td>
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<td>Cancellation notice issued: 8/17/2020 19:30</td>
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| 8/17/2020 | Monday | ISO    | 08/18/2020 15:00 through 08/18/2020 20:45 | Alert     | STATEWIDE ALERT NOTICE [202002447]  
The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/18/2020 15:00 through 08/18/2020 22:00.  
Reason:  
The CAISO is forecasting a possible system reserve deficiency between the hours of 1500-2200 and is requesting additional Ancillary Services and energy bids.  
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.  
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: 08/17/2020 14:49  
Cancellation issued at: 8/18/2020  20:45:00 |
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<th>Date</th>
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<th>AWE Event</th>
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<tbody>
<tr>
<td>8/18/2020</td>
<td>Tuesday</td>
<td>ISO</td>
<td>08/18/2020 11:30 through 08/18/2020 20:30</td>
<td>Warning</td>
<td>CAISO Grid WARNING NOTICE [202002458]</td>
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<td>The California ISO hereby issues a CAISO Grid WARNING Notice, effective 08/18/2020 11:30 through 08/18/2020 23:59.</td>
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<td>Reason: Resource deficiency</td>
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<td>Refer to the ISO System Emergency Fact Sheet</td>
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<td>Conservation efforts are encouraged for the time period specified in this notice.</td>
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<td>Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Monitor system conditions on Today's Outlook</td>
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<td>(<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>This notice supersedes notice 202002457 CAISO Grid Warning Notice issued 08/18/2020 11:30</td>
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<td>Notice issued at: 08/18/2020 11:40</td>
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<td>Cancellation issued at: 8/18/2020  20:30:00</td>
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8/18/2020 | Tuesday | ISO | 08/18/2020 14:00 through 08/18/2020 19:45 | Stage 2 | CAISO Grid Stage 2 System Emergency Notice [202002459]  

The California ISO hereby issues a CAISO Grid Stage 2 System Emergency Notice effective 08/18/2020 14:00 through 08/18/2020 23:59.  

Reason:  
Estimated deficiency in Reserves from 15:00 to 22:00 PDT.  


The ISO will be calling on UDC's to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.  

Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.  

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: 08/18/2020 13:59  
Cancellation issued at: 8/18/2020 19:45:00
STATEWIDE ALERT NOTICE [202002460]

The California ISO hereby issues a CAISO Grid ALERT Notice, effective 08/19/2020 17:00 through 08/19/2020 21:00.

Reason:
The CAISO is forecasting a possible system reserve deficiency between the hours of 1700-2100 and is requesting additional Ancillary Services and energy bids.


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.

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: 08/18/2020 14:56
Cancellation issued at: 8/19/2020  20:00:00

1-Hour Notification of Probable CAISO Grid Load Interruptions [202002461]

The CAISO anticipates the need to interrupt firm load for the period 08/18/2020 16:10 through 08/18/2020 17:40 in the amount of 500 MW for each respective hour for the period CAISO Grid based on system conditions as of 08/18/2020 16:10.

Maximum conservation efforts are encouraged for the time period specified in this notice. Utility Distribution Companies and Metered Subsystems await further orders from the ISO. The ISO will issue a ‘Stage 3 System Emergency Notice’ and ‘Load Interruptions - Stage 3 System Emergency Notice’ when the load interruptions have actually begun or are imminent.


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

This notice is being issued in compliance with the Governor's Executive Order D-38-01.
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<th>AWE Event</th>
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| 8/21/2020 | Friday | ISO    | 08/24/2020 06:00 through 08/25/2020 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202002467]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/24/2020 06:00 through 08/25/2020 22:00.  
Reason:  
Due to weather uncertainty and fire threats across the CAISO grid.  
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: 08/21/2020 08:30 |
### AWE Grid History Report

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<th>AWE Event</th>
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</table>
| 9/3/2020 | Thursday | ISO    | 09/05/2020 06:00 through 09/07/2020 22:00 | RMO       | **CAISO Grid Restricted Maintenance Operations [202002473]**  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/05/2020 06:00 through 09/07/2020 22:00.  
**Reason:**  
This is Extending the Existing CAISO Grid RESTRICTED MAINTENANCE OPERATION that was due to end Sunday at 22:00 to now end on Monday at 22:00.  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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](http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.  
Notice issued at: 09/03/2020 09:29 |
| 9/3/2020 | Thursday | ISO    | 9/5/2020 15:00 to 9/7/2020 21:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Saturday, September 5, 2020. Californians are urged to conserve electricity from September 5 at 3:00 PM to September 7 at 9:00 PM to avoid power disruptions.  
A news release is pending / has been issued. The ISO media hotline is (888)516-NEWS. |
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<tr>
<th>Date</th>
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<th>AWE Event</th>
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<tbody>
<tr>
<td>9/5/2020</td>
<td>Saturday</td>
<td>ISO</td>
<td>09/06/2020 16:00 through 09/06/2020 21:00</td>
<td>Alert</td>
<td>STATEWIDE ALERT NOTICE [202002475] The California ISO hereby issues a CAISO Grid ALERT Notice, effective 09/06/2020 16:00 through 09/06/2020 21:00. Reason: High Temperatures and High Demand Refer to the ISO System Emergency Fact Sheet (<a href="http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf">http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf</a>) for additional detail. 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. Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information. Notice issued at: 09/05/2020 14:22</td>
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### AWE Grid History Report

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<tr>
<td>9/5/2020</td>
<td>Saturday</td>
<td>ISO</td>
<td>09/05/2020 17:49 through 09/05/2020 20:32</td>
<td>Stage 2</td>
<td><strong>CAISO Grid Stage 2 System Emergency Notice [202002477]</strong>&lt;br&gt;The California ISO hereby issues a CAISO Grid Stage 2 System Emergency Notice effective 09/05/2020 17:49 through 09/05/2020 23:00.&lt;br&gt;Reason:&lt;br&gt;Refer to the ISO System Emergency Fact Sheet (<a href="http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf">http://www.caiso.com/Documents/SystemAlertsWarningsandEmergenciesFactSheet.pdf</a>) for additional detail.&lt;br&gt;The ISO will be calling on UDC's to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.&lt;br&gt;Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.&lt;br&gt;Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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Notice issued at: 09/05/2020 17:50
Cancellation issued at: 9/5/2020 20:32:00
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| 9/6/2020   | Sunday | ISO    | 09/06/2020 16:00 through 09/06/2020 20:23 | Warning   | CAISO Grid WARNING NOTICE [202002480]  

The California ISO hereby issues a CAISO Grid WARNING Notice, effective 09/06/2020 16:00 through 09/06/2020 21:00.  

Reason:  
High Temperatures and High System Load  


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.  

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: 09/06/2020 12:00  
Cancellation issued: 9/6/2020 20:23:00 |
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<td>The ISO will be calling on UDC's to implement their Interruptible Loads* and requests maximum conservation. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
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<td>Non-Spinning Reserve requirement cannot be maintained. If Non-Spinning Reserves deplete further, the ISO will declare a Stage 3 System Emergency and begin curtailing firm loads.</td>
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<td>Notice issued at: 09/06/2020 17:54</td>
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<td>Cancellation issued: 9/6/2020 20:21:00</td>
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<td>9/30/2020</td>
<td>Wednesday</td>
<td>ISO</td>
<td>10/01/2020 18:00 through 10/01/2020 19:00</td>
<td>Alert</td>
<td>STATEWIDE ALERT NOTICE [202002489]</td>
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<td>The California ISO hereby issues a CAISO Grid ALERT Notice, effective 10/01/2020 18:00 through 10/01/2020 19:00.</td>
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<td>Reason: High temperatures and high demand</td>
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<td>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.</td>
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<td>Notice issued at: 09/30/2020 14:54</td>
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| 9/30/2020 | Wednesday | ISO    | 10/01/2020 06:00 through 10/01/2020 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [202002490]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 10/01/2020 06:00 through 10/01/2020 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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: 09/30/2020 15:06 |
| 9/30/2020 | Wednesday | ISO    | 10/1/2020 15:00:00 through 22:00:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Thursday, October 1, 2020. Californians are urged to conserve electricity from October 1 at 3:00 PM to October 1 at 10:00 PM to avoid power disruptions.  
A news release is pending / has been issued. The ISO media hotline is (888)516-NEWS. |
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<th>AWE Event</th>
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| 10/14/2020 | Wednesday | ISO    | 10/15/2020 16:00 through 10/15/2020 18:00 | Alert     | STATEWIDE ALERT NOTICE [202002496]  
The California ISO hereby issues a CAISO Grid ALERT Notice, effective 10/15/2020 16:00 through 10/15/2020 18:00.  
Reason:  
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.  
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: 10/14/2020 17:33 |
| 10/14/2020 | Wednesday | ISO    | 10/15/2020 15:00 through 10/15/2020 22:00 | Flex Alert | NOTICE 202002495: Flex Alert STATEWIDE 10/15/2020 15:00 through 10/15/2020 22:00  
The California ISO has issued a Flex Alert for the CAISO Grid effective Thursday, October 15, 2020. Californians are urged to conserve electricity from October 15 at 3:00 PM to October 15 at 10:00 PM to avoid power disruptions.  
A news release is pending / has been issued. The ISO media hotline is (888)516-NEWS. |
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<td>10/14/2020</td>
<td>Wednesday</td>
<td>ISO</td>
<td>10/15/2020 06:00 through 10/15/2020 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202002497]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 10/15/2020 06:00 through 10/15/2020 22:00.</td>
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<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Notice issued at: 10/14/2020 17:57</td>
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<td>10/15/2020</td>
<td>Thursday</td>
<td>ISO</td>
<td>10/16/2020 06:00 through 10/16/2020 22:00</td>
<td>RMO</td>
<td>CAISO Grid Restricted Maintenance Operations [202002498]</td>
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<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 10/16/2020 06:00 through 10/16/2020 22:00.</td>
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<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
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<td>Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.</td>
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<td>Market Participants are cautioned to avoid actions which may jeopardize generator and/or transmission availability.</td>
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<td>Monitor system conditions on Today’s Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information.</td>
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<td>Notice issued at: 10/15/2020 10:24</td>
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<td>Date</td>
<td>Day</td>
<td>Region</td>
<td>Time Frame</td>
<td>AWE Event</td>
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</table>
| 12/3/2020 | Thursday | Southern | 12/03/2020 10:58 through 12/03/2020 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [202002505]  
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 12/03/2020 10:58 through 12/03/2020 22:00.  
Reason:  
San Diego area only. Due to fires in the Southern CA 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: 12/03/2020 11:00  
Cancellation notice issued at: 12/03/2020 22:00 |
<table>
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<tr>
<th>Date</th>
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<th>AWE Event</th>
<th>Reason</th>
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</thead>
</table>
The California ISO hereby issues a CAISO Grid TRANSMISSION EMERGENCY Notice effective 12/13/2020 07:48 through 12/13/2020 23:59 based on conditions as of NoticePostDate.  
Reason:  
Currently the ISO is in open loop conditions, while open at |P26. Cause is under investigation.  
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: 12/13/2020 07:51  
Cancellation notice issued at 14:20 |
Alert, Warning, and Emergencies Record For 2019

### AWE Declarations

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<tr>
<th>Date</th>
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<th>Region</th>
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<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
</table>
| 6/11/2019 | Tuesday | ISO     | 08:00 - 22:00 | RMO       | **CAISO Grid Restricted Maintenance Operations [201902386]**

The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/11/2019 08:00 through 06/11/2019 22:00.

**Reason:**
- The ISO is anticipating high loads and temperatures across the CAISO Grid.
- 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: 06/11/2019 08:07

| 6/11/2019 | Tuesday | ISO     | 16:00 - 22:00 | Flex Alert | The California ISO has issued a Flex Alert for the CAISO Grid effective Tuesday, June 11, 2019. Californians are urged to conserve electricity from June 11 at 4:00 PM to June 11 at 10:00 PM to avoid power disruptions.

A news release has been issued. The ISO media hotline is (888)516-NEWS.
<table>
<thead>
<tr>
<th>Date</th>
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<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/28/2019</td>
<td>Sunday</td>
<td>ISO</td>
<td>17:45 - 23:59</td>
<td>Warning</td>
<td>The COI lines are being forced out of service due to a fire threat. There is a safety concern for onsite personnel.</td>
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<td>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.</td>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information. Notice issued at: 07/28/2019 17:47</td>
</tr>
<tr>
<td>7/28/2019</td>
<td>Sunday</td>
<td>ISO</td>
<td>18:48 - 23:59</td>
<td>Transmission Emergency</td>
<td>The Malin - Round Mountain #1 and #2 500kV lines forced out of service and threat to Captain Jack - Olina 500kV due to fire. There is a safety concern for onsite personnel.</td>
</tr>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information. Notice issued at: 07/28/2019 18:52</td>
</tr>
<tr>
<td>7/29/2019</td>
<td>Monday</td>
<td>ISO</td>
<td>14:42 - 23:59</td>
<td>Transmission Emergency</td>
<td>Two lines of COI/Path 66 forced out of service due to fire, with remaining line under threat of Open-Loop.</td>
</tr>
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<td>Monitor system conditions on Today's Outlook (<a href="http://www.caiso.com/TodaysOutlook/Pages/default.aspx">http://www.caiso.com/TodaysOutlook/Pages/default.aspx</a>) and check with local electric utilities for additional information. Notice issued at: 07/29/2019 14:48</td>
</tr>
<tr>
<td>Date</td>
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</tbody>
</table>
| 7/29/2019 | Monday  | ISO    | 19:30 - 23:59       | Transmission Emergency | Two lines of COI/Path 66 forced out of service due to fire, with remaining line under threat of Open-Loop.  
Monitor system conditions on Today's Outlook (http://www.caiso.com/TodaysOutlook/Pages/default.aspx) and check with local electric utilities for additional information.  
This notice supersedes notice 201902394 CAISO Grid Transmission Emergency issued 07/29/2019 14:48  
Notice issued at: 07/29/2019 19:30 |
| 8/15/2019 | Thursday | ISO    | 08:00 - 22:00       | RMO            | The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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.  
This notice supersedes notice 201902399 CAISO Grid Restricted Maintenance Operations Notice issued 08/14/2019 12:29  
Notice issued at: 08/14/2019 12:31 |
## AWE Declarations

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<tr>
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<tbody>
<tr>
<td>2/20/2018</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>07:24 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/20/2018 07:24 through 02/20/2018 22:00. Reason: Higher then forecasted loads and natural gas curtailments in the Southern California area. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 02/20/2018 07:30</td>
</tr>
<tr>
<td>2/21 - 2/22/18</td>
<td>Wednesday - Thursday</td>
<td>Southern CA</td>
<td>00:01 - 23:59</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/21/2018 00:01 through 02/22/2018 23:59. Reason: The ISO is anticipating higher then forecasted loads and natural gas curtailments in the Southern California area. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 02/20/2018 09:46</td>
</tr>
<tr>
<td>2/24 - 2/28</td>
<td>Saturday - Wednesday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/24/2018 06:00 through 02/28/2018 22:00. Reason: The ISO is anticipating higher than forecasted loads and natural gas curtailments in the Southern California area. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 02/23/2018 08:43</td>
</tr>
<tr>
<td>2/24 - 2/28</td>
<td>Saturday - Wednesday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO - Generation</td>
<td>The California ISO is declaring Southern CA Region GENERATION Restricted Maintenance Operations for the period from 02/24/2018 06:00 through 02/28/2018 22:00. Reason: Natural gas curtailments in the Southern California area. 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. This notice supersedes notice 201802324 Southern CA Region Restricted Maintenance Operations. Notice issued 02/23/2018 08:43 Notice issued at: 02/23/2018 13:49</td>
</tr>
<tr>
<td>Date</td>
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<tr>
<td>2/28 - 3/1</td>
<td>Wednesday - Thursday</td>
<td>Southern CA</td>
<td>22:00 - 23:59</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 02/28/2018 22:00 through 03/01/2018 23:59. Reason: Natural gas curtailments in the Southern California area. Outages are not being cancelled 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. The California ISO will be using a gas nomogram in the Day Ahead &amp; Real-Time markets, along with approved outages, for the identified regions based on gas burn limits from the gas companies. 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. Notice issued at: 02/28/2018 10:08</td>
</tr>
<tr>
<td>3/2/2018</td>
<td>Friday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 03/02/2018 06:00 through 03/02/2018 22:00. Reason: Natural gas curtailments in the Southern California area. Outages are not being cancelled 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. The California ISO will be using a gas nomogram in the Day Ahead &amp; Real-Time markets, along with approved outages, for the identified regions based on gas burn limits from the gas companies. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 03/01/2018 17:48</td>
</tr>
<tr>
<td>3/3/2018</td>
<td>Saturday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 03/03/2018 06:00 through 03/03/2018 22:00. Reason: Natural gas curtailments in the Southern California area. Outages are not being cancelled 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. The California ISO will be using a gas nomogram in the Day Ahead &amp; Real-Time markets, along with approved outages, for the identified regions based on gas burn limits from the gas companies. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 03/02/2018 01:36</td>
</tr>
<tr>
<td>3/4/2018</td>
<td>Sunday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 03/04/2018 06:00 through 03/04/2018 22:00. Reason: Natural gas curtailments in the Southern California area. Outages are not being cancelled 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. The California ISO will be using a gas nomogram in the Day Ahead &amp; Real-Time markets, along with approved outages, for the identified regions based on gas burn limits from the gas companies. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 03/02/2018 01:52</td>
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| 3/5/2018   | Monday  | Southern CA | 06:00 - 22:00 | RMO       | The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 03/05/2018 06:00 through 03/05/2018 22:00.  
Reason: Natural gas curtailments in the Southern California area. Outages are not being cancelled 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. 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. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect.  
Notice issued at: 03/04/2018 08:40 |
| 7/3/2018   | Tuesday | Southern CA | 06:00 - 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [201802345] The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 07/06/2018 06:00 through 07/06/2018 22:00.  
Reason: The ISO is anticipating high loads and temperatures across the Southern CA 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.  
Notice issued at: 07/03/2018 10:05 |
| 7/6/2018   | Friday  | Southern CA | 06:00 - 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [201802345] The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 07/06/2018 06:00 through 07/06/2018 22:00.  
Reason: The ISO is anticipating high loads and temperatures across the Southern CA 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.  
Notice issued at: 07/03/2018 10:05 |
| 7/7/2018   | Saturday | Southern CA | 06:00 - 22:00 | RMO       | Southern CA Region Restricted Maintenance Operations [201802346] The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 07/07/2018 06:00 through 07/07/2018 22:00.  
Reason: The ISO is anticipating high loads and temperatures across the Southern CA 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.  
Notice issued at: 07/06/2018 08:49 |
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</table>
| 7/18/2018 | Wednesday | Northern CA | 20:51 - 23:59 | Transmission Emergency | Northern CA Region TRANSMISSION EMERGENCY Notice [201802349]  
The California ISO hereby issues a Northern CA Region TRANSMISSION EMERGENCY Notice effective 07/18/2018 20:51 through 07/18/2018 23:59 based on conditions as of 07/18/2018 20:55.  
Reason:  
Humboldt local area loading issues.  
Monitor system conditions on the California ISO Website at www.caiso.com and check with local electric utilities for additional information.  
Notice issued at: 07/18/2018 20:55 |
| 7/23/2018 | Monday     | ISO     | 06:00 - 22:00 | RMO                | CAISO Grid Restricted Maintenance Operations [201802352]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/23/2018 06:00 through 07/23/2018 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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.  
Notice issued at: 07/19/2018 10:23 |
| 7/24/2018 | Tuesday     | ISO     | 17:00 - 21:00 | Flex Alert        | The California ISO has issued a Flex Alert for the CAISO Grid due to high temperatures across the western U.S., high fire risk and tight gas supplies in Southern California effective Tuesday, July 24, 2018.  
Californians are urged to conserve electricity from July 24 at 5:00 PM to July 24 at 9:00 PM to avoid power disruptions.  
A news release is pending. The ISO media hotline is (888)516-NEWS. |
| 7/25/2018 | Wednesday     | ISO     | 17:00 - 21:00 | Flex Alert        | The California ISO has issued a Flex Alert for the CAISO Grid due to high temperatures across the western U.S., high fire risk and tight gas supplies in Southern California effective Wednesday, July 25, 2018.  
Californians are urged to conserve electricity from July 25 at 5:00 PM to July 25 at 9:00 PM to avoid power disruptions.  
A news release is pending. The ISO media hotline is (888)516-NEWS. |
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</table>
| 7/25/2018 | Wednesday | ISO    | 06:00 - 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [201802354]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/25/2018 06:00 through 07/25/2018 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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.  
Notice issued at: 07/19/2018 10:30 |
| 7/26/2018 | Thursday | ISO    | 06:00 - 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [201802358]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/26/2018 06:00 through 07/26/2018 22:00.  
Reason:  
The ISO is anticipating high loads and temperatures across the CAISO Grid.  
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.  
Notice issued at: 07/24/2018 09:15 |
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<tr>
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| 7/30/2018 | Monday | ISO    | 06:00 - 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [201802369]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/30/2018 06:00 through 07/30/2018 22:00.  
Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid combined with wildfire threats and loss of resources.  
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.  
Notice issued at: 07/29/2018 22:04 |
| 7/31/2018 | Tuesday | ISO    | 06:00 - 22:00 | RMO       | CAISO Grid Restricted Maintenance Operations [201802371]  
The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/31/2018 06:00 through 07/31/2018 22:00.  
Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid combined with wildfire threats and loss of resources.  
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.  
Notice issued at: 07/30/2018 09:17 |
<table>
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<tr>
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<th>Time Frame</th>
<th>AWE Event</th>
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</table>
| 8/6/2018 | Monday | Southern CA | 06:00 - 22:00 | RMO | Southern CA Region Restricted Maintenance Operations [201802374]
The California ISO is declaring Southern CA Region RESTRICTED MAINTENANCE OPERATION for the period from 08/06/2018 06:00 through 08/06/2018 22:00.
Reason:
The ISO is anticipating high loads and temperatures across the Southern CA Region and has lost resources in the area.
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.
Notice issued at: 08/05/2018 08:55 |
### Alert, Warning, and Emergencies Record For 2017

#### AWE Declarations

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<th>AWE Event</th>
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<tbody>
<tr>
<td>1/3/2017</td>
<td>Tuesday</td>
<td>ISO</td>
<td>00:00 - 12:00</td>
<td>RMO</td>
<td>Effective Tuesday, 01/03/17 00:00 - 12:00, the ISO BA is declaring a System wide Restricted Maintenance Operations. This is due to extremely low forecast temperatures throughout the Western United States including the CAISO area. Notice issued at: 12/30/16 14:07, Cancelled at: 1/2/17 at 10:20</td>
</tr>
<tr>
<td>5/3/2017</td>
<td>Wednesday</td>
<td>ISO</td>
<td>19:01 - 23:59</td>
<td>Stage 1</td>
<td>Operating Reserves are currently, or forecast to be, less than amounts required by the Western Electricity Coordinating Council. If Operating Reserves deplete further, the ISO will declare a Stage 2 System Emergency and may begin curtailing Interruptible Loads*. Notice issued at: 05/03/17 19:04, Cancelled at: 5/3/17 at 21:00</td>
</tr>
<tr>
<td>6/19/2017 - 6/22/2017</td>
<td>Monday - Thursday</td>
<td>ISO</td>
<td>00:01 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 06/19/2017 00:01 through 06/22/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. Restricted Maintenance Operations, as detailed in ISO Operating Procedure 4420, will be in effect. Notice issued at: 06/18/2017 14:26, Cancelled at: 6/22/2017 22:00</td>
</tr>
<tr>
<td>Date</td>
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<td>Region</td>
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<tr>
<td>6/20/2017</td>
<td>Tuesday</td>
<td>ISO</td>
<td>14:00 - 21:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Tuesday, June 20, 2017. Californians are urged to conserve electricity from June 20 at 2:00 PM to June 20 at 9:00 PM to avoid power disruptions. Notice issued at: 6/20/2017 08:00, Cancelled at: 6/20/2017 21:00</td>
</tr>
<tr>
<td>6/21/2017</td>
<td>Wednesday</td>
<td>ISO</td>
<td>14:00 - 21:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the California ISO Grid effective Wednesday, June 21, 2017. Californians are urged to conserve electricity from June 21 at 2:00 PM to June 21 at 9:00 PM to avoid power disruptions. Notice issued at: 6/21/2017 07:38, Cancelled at: 6/21/2017 21:00</td>
</tr>
<tr>
<td>7/7/2017</td>
<td>Friday</td>
<td>ISO</td>
<td>07:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 07/07/2017 07:00 through 07/07/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 07/06/2017 08:36</td>
</tr>
<tr>
<td>8/1/2017</td>
<td>Tuesday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/01/2017 06:00 through 08/01/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 07/31/2017 08:33</td>
</tr>
<tr>
<td>8/2/2017</td>
<td>Wednesday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/02/2017 06:00 through 08/02/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 07/31/2017 08:36</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>Region</td>
<td>Time Frame</td>
<td>AWE Event</td>
<td>Reason</td>
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<tr>
<td>8/3/2017</td>
<td>Thursday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/03/2017 06:00 through 08/03/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 08/01/2017 12:56</td>
</tr>
<tr>
<td>8/21/2017</td>
<td>Monday</td>
<td>ISO</td>
<td>06:00 - 20:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/21/2017 06:00 through 08/21/2017 20:00. Reason: As a part of the California ISO Operational Readiness plan for the upcoming solar eclipse, a Restricted Maintenance Operations for Monday August 21, 2017 from 6:00 a.m. to 8:00 p.m. is being issued. Notice issued at: 08/04/2017 15:22</td>
</tr>
<tr>
<td>8/28/2017 - 8/31/2017</td>
<td>Monday - Thursday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/28/2017 06:00 through 08/28/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 08/25/2017 08:54 Notice Update issued at: 08/28/2017 15:17 The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/29/2017 22:00 through 08/31/2017 22:00. This restricted maintenance is an extension of the active ongoing restricted maintenance that began on 08/28/2017.</td>
</tr>
<tr>
<td>8/29/2017</td>
<td>Tuesday</td>
<td>ISO</td>
<td>14:00 - 22:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the California ISO Grid effective Tuesday, August 29, 2017. Californians are urged to conserve electricity from August 29 at 2:00 PM to August 29 at 9:00 PM to avoid power disruptions. A news release has been issued. The ISO media hotline is (888)516-NEWS.</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>Region</td>
<td>Time Frame</td>
<td>AWE Event</td>
<td>Reason</td>
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<tr>
<td>8/31/2017 - 9/1/2017</td>
<td>Thursday - Friday</td>
<td>ISO</td>
<td>22:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 08/31/2017 22:00 through 09/01/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. This is an extension of the active and ongoing Restricted Maintenance that began on 8/29/2017. 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. Notice issued at: 08/29/2017 15:50</td>
</tr>
<tr>
<td>9/1/2017</td>
<td>Friday</td>
<td>ISO</td>
<td>13:00 - 22:00</td>
<td>Flex Alert</td>
<td>The California ISO has issued a Flex Alert for the CAISO Grid effective Friday, September 1, 2017. Californians are urged to conserve electricity from September 1 at 1:00 PM to September 1 at 10:00 PM to avoid power disruptions. A news release is pending / has been issued. The ISO media hotline is (888)516-NEWS.</td>
</tr>
<tr>
<td>9/1/2017 - 9/3/2017</td>
<td>Friday - Sunday</td>
<td>ISO</td>
<td>22:00 - 22:00</td>
<td>RMO</td>
<td>The California ISO is declaring CAISO Grid RESTRICTED MAINTENANCE OPERATION for the period from 09/01/2017 22:00 through 09/03/2017 22:00. Reason: The ISO is anticipating high loads and temperatures across the CAISO Grid. 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. Notice issued at: 08/31/2017 09:31</td>
</tr>
</tbody>
</table>
### AWE Grid History Report

#### Alert, Warning, and Emergencies Record For 2016

#### AWE Declarations

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/6/2016</td>
<td>Saturday</td>
<td>ISO</td>
<td>12:52 - 23:59</td>
<td>RMO</td>
<td>This notice will be in effect for the following counties due to special events across the region:San Mateo, San Francisco, Solano, San Joaquin, Stanislaus, Alameda, Santa Clara, and Contra Costa.</td>
</tr>
<tr>
<td>6/20/2016 - 6/21/2016</td>
<td>Monday - Tuesday</td>
<td>ISO</td>
<td>00:00 - 23:59</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid. Notice issued at: 06/15/2016 16:44</td>
</tr>
<tr>
<td>6/20/2016 - 6/21/2016</td>
<td>Monday - Tuesday</td>
<td>ISO</td>
<td>00:00 - 23:59</td>
<td>Generation RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid. Notice issued at: 06/15/2016 16:49</td>
</tr>
<tr>
<td>6/20/2016</td>
<td>Monday</td>
<td>Southern CA</td>
<td>10:00 - 21:00</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity from June 20 at 10:00 AM to 9:00 PM to avoid power disruptions. Notice issued at: 06/19/2016 14:00</td>
</tr>
<tr>
<td>6/28/2016</td>
<td>Tuesday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid. Notice issued at: 06/24/2016 09:30</td>
</tr>
<tr>
<td>7/27/2016</td>
<td>Wednesday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>Generation RMO</td>
<td>The ISO anticipates generation resources may be inadequate for the period covered by this notice. Notice issued at: 7/26/2016 18:57</td>
</tr>
<tr>
<td>7/27/2016</td>
<td>Wednesday</td>
<td>ISO</td>
<td>14:00 - 21:00</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity from July 27 at 2:00 PM to 9:00 PM to avoid power disruptions. Notice issued at: 7/27/2016 12:03</td>
</tr>
<tr>
<td>7/28/2016</td>
<td>Thursday</td>
<td>ISO</td>
<td>06:00 - 22:00</td>
<td>Generation RMO</td>
<td>The ISO anticipates generation resources may be inadequate for the period covered by this notice. Notice issued at: 7/27/2016 14:02</td>
</tr>
<tr>
<td>7/28/2016</td>
<td>Thursday</td>
<td>ISO</td>
<td>14:00 - 21:00</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity from July 27 at 2:00 PM to 9:00 PM to avoid power disruptions. Notice issued at: 7/28/2016 9:05</td>
</tr>
<tr>
<td>7/29/2016</td>
<td>Friday</td>
<td>ISO</td>
<td>12:00 - 22:00</td>
<td>Generation RMO</td>
<td>The ISO anticipates generation resources may be inadequate for the period covered by this notice. Notice issued at: 7/28/2016 9:50</td>
</tr>
<tr>
<td>8/17/2016</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>Due to the loss of transmission in the Southern CA Blue Cut Fire. Notice issued at: 8/16/16 21:07</td>
</tr>
<tr>
<td>8/17/2016</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>Generation RMO</td>
<td>The ISO anticipates generation resources may be inadequate for the period covered by this notice. Notice issued at: 8/16/16 21:10</td>
</tr>
<tr>
<td>8/18/2016</td>
<td>Thursday</td>
<td>Southern CA</td>
<td>06:00 - 22:00</td>
<td>RMO</td>
<td>Due to the loss of transmission in the Southern CA Blue Cut Fire. Notice issued at: 8/17/16 18:50</td>
</tr>
</tbody>
</table>
The ISO anticipates generation resources may be inadequate for the period covered by this notice. Notice issued at: 8/17/16 18:52
## Alert, Warning, and Emergencies Record For 2015

### AWE Declarations

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE Event</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/30/2015</td>
<td>Tuesday</td>
<td>ISO</td>
<td>0:00-23:59</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>6/30/2015</td>
<td>Tuesday</td>
<td>ISO</td>
<td>07:31-23:59</td>
<td>Warning</td>
<td>High temperatures, high forecast peak load, southern basin, and much lower than historically available CAISO Balancing Authority Area energy imports.</td>
</tr>
<tr>
<td>6/30/2015</td>
<td>Tuesday</td>
<td>ISO</td>
<td>14:00-21:00</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity to avoid power disruptions.</td>
</tr>
<tr>
<td>7/1/2015</td>
<td>Wednesday</td>
<td>ISO</td>
<td>0:00-23:59</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>7/1/2015</td>
<td>Wednesday</td>
<td>ISO</td>
<td>14:00-21:00</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity to avoid power disruptions.</td>
</tr>
<tr>
<td>7/29/2015</td>
<td>Wednesday</td>
<td>ISO</td>
<td>07:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>7/30/2015</td>
<td>Thursday</td>
<td>ISO</td>
<td>07:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>8/14/2015</td>
<td>Friday</td>
<td>Southern CA</td>
<td>06:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>8/15/2015</td>
<td>Saturday</td>
<td>ISO</td>
<td>06:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>8/16/2015</td>
<td>Sunday</td>
<td>ISO</td>
<td>06:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>8/17/2015</td>
<td>Monday</td>
<td>ISO</td>
<td>06:00-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>9/8/2015</td>
<td>Tuesday</td>
<td>ISO</td>
<td>07:00-23:59</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>9/8/2015</td>
<td>Tuesday</td>
<td>ISO</td>
<td>12:00-22:00</td>
<td>Alert</td>
<td>Higher than expected loads and loss of resources</td>
</tr>
<tr>
<td>9/11/2015</td>
<td>Friday</td>
<td>ISO</td>
<td>00:01-22:00</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the CAISO Grid.</td>
</tr>
<tr>
<td>10/13/2015</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>16:32-22:00</td>
<td>Warning</td>
<td>Loss of resources and load forecast deviation.</td>
</tr>
</tbody>
</table>
Alert, Warning, and Emergencies Record For 2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE event</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/6/2014</td>
<td>Thursday</td>
<td>ISO</td>
<td>0656-2359</td>
<td>RMO</td>
<td>The ISO is anticipating gas curtailments in Southern California. Market Participants are cautioned to avoid actions, which may jeopardize generator and/or transmission availability.</td>
</tr>
<tr>
<td>2/6/2014</td>
<td>Thursday</td>
<td>ISO</td>
<td>1300-2200</td>
<td>Flex Alert</td>
<td>Californians are urged to conserve electricity to avoid power disruptions.</td>
</tr>
<tr>
<td>2/6/2014</td>
<td>Thursday</td>
<td>ISO</td>
<td>1300-2200</td>
<td>Warning</td>
<td>Due to cold weather across the Western United States, Southern California Gas Company issued “Emergency Curtailments” to several generation resources in Southern California. To avoid further generator “Emergency Curtailments”, the gas companies have asked the California ISO to reduce gas consumption at the generating stations in the San Diego and Southern California Edison systems. Conservation efforts are encouraged. Energy Market Participants are encouraged to offer additional Supplemental Energy and Ancillary Service bids.</td>
</tr>
<tr>
<td>2/7/2014</td>
<td>Friday</td>
<td>Southern CA</td>
<td>0001-2359</td>
<td>RMO</td>
<td>A shortage of natural gas triggered by extreme cold weather in much of the United States and Canada is impacting fuel supplies to Southern CA power plants and reducing electricity generation.</td>
</tr>
<tr>
<td>5/14/2014</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>1219-2359</td>
<td>RMO</td>
<td>The ISO is experiencing high loads and temperatures across the Southern CA Region along with threatening fires to ISO facilities. “Restricted Maintenance Operations is for the San Diego Service area Only”.</td>
</tr>
<tr>
<td>5/14/2014</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>1407-2200</td>
<td>Transmission Emergency</td>
<td>Emergency is for San Diego area ONLY due to brush fires threatening the ISO transmission system.</td>
</tr>
<tr>
<td>5/15/2014</td>
<td>Thursday</td>
<td>Southern CA</td>
<td>0000-2359</td>
<td>RMO</td>
<td>The ISO anticipates high loads and temperatures across the Southern CA Region along with threatening fires to ISO facilities. “Restricted Maintenance Operations is for the San Diego Service area Only”.</td>
</tr>
<tr>
<td>5/16/2014</td>
<td>Friday</td>
<td>Southern CA</td>
<td>0000-2359</td>
<td>RMO</td>
<td>The ISO anticipates high loads and temperatures across the Southern CA Region along with threatening fires to ISO facilities. “Restricted Maintenance Operations is for the San Diego Service area Only”.</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>Region</td>
<td>Time</td>
<td>Type</td>
<td>Description</td>
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</tr>
<tr>
<td>9/15/2014</td>
<td>Monday</td>
<td>Southern CA</td>
<td>0800-2200</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>9/16/2014</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>0800-2200</td>
<td>RMO</td>
<td>The ISO is anticipating high loads and temperatures across the Southern CA Region.</td>
</tr>
<tr>
<td>11/1/2014</td>
<td>Saturday</td>
<td>ISO</td>
<td>0300-2359</td>
<td>RMO</td>
<td>Effective 0300 to 2359 CAISO declares Restricted Maintenance Operation Due to Transmission Limitations.</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
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<td>Time Frame</td>
<td>AWE event</td>
<td>Reason</td>
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<tr>
<td>4/16/2013</td>
<td>Tuesday</td>
<td>Northern CA</td>
<td>1000-2359</td>
<td>Flex Alert</td>
<td>Due to transmission outages.</td>
</tr>
<tr>
<td>4/25-4/26/2013</td>
<td>Thursday-Friday</td>
<td>Southern CA</td>
<td>0840-2200</td>
<td>RMO</td>
<td>Due to transmission system work in the SDG&amp;E area.</td>
</tr>
<tr>
<td>5/30/2013</td>
<td>Thursday</td>
<td>ISO</td>
<td>1617-2359</td>
<td>RMO</td>
<td>Due to loss of and threat to Transmission Facilities and fires within the CAISO Grid.</td>
</tr>
<tr>
<td>7/1-7/2/2013</td>
<td>Monday-Tuesday</td>
<td>ISO</td>
<td>0001-2359</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across CAISO Grid.</td>
</tr>
<tr>
<td>7/1/2013</td>
<td>Monday</td>
<td>Northern CA</td>
<td>1200-1900</td>
<td>Flex Alert</td>
<td>Northern Californians are urged to conserve electricity to avoid power disruptions.</td>
</tr>
<tr>
<td>7/2/2013</td>
<td>Tuesday</td>
<td>Northern CA</td>
<td>1200-1900</td>
<td>Flex Alert</td>
<td>Northern Californians are urged to conserve electricity to avoid power disruptions.</td>
</tr>
<tr>
<td>8/29/2013</td>
<td>Thursday</td>
<td>Southern CA</td>
<td>0937-1510</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across San Diego region.</td>
</tr>
<tr>
<td>8/30/2013</td>
<td>Friday</td>
<td>Southern CA</td>
<td>1110-2100</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across San Diego region.</td>
</tr>
<tr>
<td>12/9/2013</td>
<td>Monday</td>
<td>Southern CA</td>
<td>0444-2359</td>
<td>RMO</td>
<td>The ISO anticipates generation resources may be inadequate in the San Diego area due to gas supply issues.</td>
</tr>
<tr>
<td>12/9/2013</td>
<td>Monday</td>
<td>Southern CA</td>
<td>2039-2359</td>
<td>RMO</td>
<td>The ISO anticipates generation resources may be inadequate in the San Diego and SCE areas due to gas supply issues.</td>
</tr>
<tr>
<td>12/10/2013</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>0001-2359</td>
<td>RMO</td>
<td>The ISO anticipates generation resources may be inadequate in the San Diego and SCE areas due to gas supply issues.</td>
</tr>
<tr>
<td>12/11/2013</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>0001-2359</td>
<td>RMO</td>
<td>The ISO anticipates generation resources may be inadequate in the San Diego and SCE areas due to gas supply issues.</td>
</tr>
</tbody>
</table>
### Alert, Warning, and Emergencies Record For 2012

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE event</th>
<th>Reason (for RMO or above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/25/2012</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>0735-0932</td>
<td>RMO</td>
<td>Loss of Midway-Vincent #2 500kv line and with Midway-Vincent #1 500kv line out of service.</td>
</tr>
<tr>
<td>1/31/2012</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>1630-2359</td>
<td>RMO</td>
<td>Loss of resources in Southern California.</td>
</tr>
<tr>
<td>2/1/2012</td>
<td>Wednesday</td>
<td>Southern CA</td>
<td>0600-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
<tr>
<td>2/2/2012</td>
<td>Thursday</td>
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<td>Jan-59</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
<tr>
<td>2/3/2012</td>
<td>Friday</td>
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<td>0000-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
<tr>
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<td>Saturday</td>
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<td>RMO</td>
<td>Due to loss of generation resources.</td>
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<tr>
<td>2/4/2012</td>
<td>Saturday</td>
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<td>0900-1323</td>
<td>RMO</td>
<td>Due to current transmission work within CAISO in Northern California at COI.</td>
</tr>
<tr>
<td>2/5/2012</td>
<td>Sunday</td>
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<td>0000-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
<tr>
<td>2/6/2012</td>
<td>Monday</td>
<td>Southern CA</td>
<td>0000-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
<tr>
<td>2/7/2012</td>
<td>Tuesday</td>
<td>Southern CA</td>
<td>Mar-59</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
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<tr>
<td>2/8-2/29/2012</td>
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<td>0000-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
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<tr>
<td>3/1-3/31/2012</td>
<td>Various</td>
<td>Southern CA</td>
<td>0000-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
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<tr>
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<td>0000-2359</td>
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<td>Due to loss of generation resources.</td>
</tr>
<tr>
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<td>2300-2359</td>
<td>RMO</td>
<td>Due to loss of generation resources.</td>
</tr>
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<td>8/9-8/10/2012</td>
<td>Thursday-Friday</td>
<td>ISO</td>
<td>1000-2000</td>
<td>RMO</td>
<td>Due to high temperatures and loads.</td>
</tr>
<tr>
<td>8/10/2012</td>
<td>Friday</td>
<td>ISO</td>
<td>1200-1800</td>
<td>Flex Alert</td>
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<tr>
<td>8/13/2012</td>
<td>Monday</td>
<td>ISO</td>
<td>0600-2200</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across CAISO Grid.</td>
</tr>
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<td>8/14/2012</td>
<td>Tuesday</td>
<td>ISO</td>
<td>0600-2200</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across CAISO Grid.</td>
</tr>
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<td>8/14/2012</td>
<td>Tuesday</td>
<td>ISO</td>
<td>1100-1800</td>
<td>Flex Alert</td>
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<td>8/15/2012</td>
<td>Wednesday</td>
<td>ISO</td>
<td>0600-2200</td>
<td>RMO</td>
<td>Anticipation of high loads and temperatures across CAISO Grid.</td>
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<td>8/29/2012</td>
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<td>Monday</td>
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<td>1200-1720</td>
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<td>Friday</td>
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<td>1450-2100</td>
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<td>Anticipation of high loads and temperatures across the Southern CA and Southwest Region.</td>
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<td>Forced transmission limitations.</td>
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# Alert, Warning, and Emergencies Record For 2011

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<th>Day</th>
<th>Region</th>
<th>Time Frame</th>
<th>AWE event</th>
<th>Reason (for RMO or above)</th>
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<tbody>
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<td>2/3-2/4/2011</td>
<td>Thursday-Friday</td>
<td>Southern CA</td>
<td>1201-1200</td>
<td>RMO</td>
<td>Due to potential gas curtailments in the San Diego and Imperial County area</td>
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<td>Higher than anticipated temperatures and loads across the CAISO Grid.</td>
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<td>ISO</td>
<td>0000-0956</td>
<td>Flex Alert</td>
<td>四肢。</td>
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<tr>
<td>9/9/2011</td>
<td>Friday</td>
<td>ISO</td>
<td>0000-1220</td>
<td>RMO</td>
<td>Due to a transmission emergency in Southern California.</td>
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<tr>
<td>9/9/2011</td>
<td>Friday</td>
<td>Southern CA</td>
<td>1224-0958</td>
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<td>Due to the Grid events of 9/8/2011 resulting in reduced generating capacity in the Southern CA Region.</td>
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<td>0500-2041</td>
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<td>Scheduled So. Cal. gas company pipeline outage.</td>
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<tr>
<td>10/29-10/30</td>
<td>Saturday-Sunday</td>
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<td>0600-0355</td>
<td>RMO</td>
<td>Scheduled So. Cal. gas company pipeline outage.</td>
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## Alert, Warning, and Emergencies Record For 2010

### AWE Declarations

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Restricted Maintenance Operations</th>
<th>Alert</th>
<th>Warning</th>
<th>Flex Alert</th>
<th>Transmission Emergency</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
<th>VLRP</th>
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</table>

### Stage 1 Emergency Notice
- is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than WECC requirement minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after using available resources. Continuously recalculated; between 6.0% and 7.0%. Can be issued on a system-wide or regional basis.

### Stage 2 Emergency Notice
- is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources. Can be issued on a system-wide or regional basis.

### Stage 3 Emergency Notice
- is declared by the ISO any time the Spinning Reserve portion of Operating Reserves deplete or are anticipated to drop below the WECC Requirement and cannot be restored. Continuously recalculated; between 1.5% and 3.0%. Can be issued on a system-wide or regional basis.

### Transmission Emergency Notice
- is declared by the ISO for any event that threatens, harms, or limits capabilities of any element of the transmission grid and threatens grid reliability. Can be issued on a system-wide or regional basis.
### Alert, Warning, and Emergencies Record For 2009

#### AWE Declarations

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Region</th>
<th>Restricted Maintenance Operations</th>
<th>Alert</th>
<th>Warning</th>
<th>Flex Alert</th>
<th>Transmission Emergency</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
<th>VLRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>04/17/09</td>
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<td>So. Cal</td>
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</table>

#### Table Notes:

- **Stage 1 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than WECC requirement minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after using available resources.

- **Stage 2 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources.

- **Stage 3 Emergency Notice** is declared by the ISO any time the Spinning Reserve portion of Operating Reserves deplete or are anticipated to drop below the WECC Requirement and cannot be restored.

- **Transmission Emergency Notice** is declared by the ISO for any event that threatens, harms, or limits capabilities of any element of the transmission grid and threatens grid reliability.

| Total Declarations | 6 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
## Alert, Warning, and Emergencies Record For 2008

### AWE Declarations

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<tr>
<th>Date</th>
<th>Day</th>
<th>RMO</th>
<th>Alert</th>
<th>Warning</th>
<th>Flex Alert</th>
<th>Transmission</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
<th>VLRP</th>
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</thead>
<tbody>
<tr>
<td>06/11/08</td>
<td>Wednesday</td>
<td>1430-2359</td>
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Total Declarations: **10**

**Note:** If there is no designation of area (# or ##), declaration was for entire CAISO Controlled Grid

**Stage 1 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than WECC requirement minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

**Stage 2 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources.

**Stage 3 Emergency Notice** is declared by the ISO any time the Spinning Reserve portion of Operating Reserves deplete or are anticipated to drop below the WECC Requirement and cannot be restored.

**Transmission Emergency Notice** is declared by the ISO for any event threatens, harms, or limits capabilities of any element of the transmission grid and threatens grid reliability.
# Alert, Warning, and Emergencies Record For 2007

## AWE Declarations

<table>
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<tr>
<th>Date</th>
<th>Day</th>
<th>RMO</th>
<th>Alert</th>
<th>Warning</th>
<th>Flex Alert</th>
<th>Transmission Emergency</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
<th>VLRP</th>
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**Total Declarations**: 18

1 3 6 4 1 0 0 0

- # Southern California
- ## Northern California

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**Stage 1 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

**Stage 2 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources.

**Stage 3 Emergency Notice** is declared by the ISO any time the Spinning Reserve portion of Operating Reserves deplete or are anticipated to drop below the MORC Requirement and cannot be restored.

**Transmission Emergency Notice** is declared by the ISO when any transmission component within the ISO controlled grid has exceeded its maximum facility rating.
Alert, Warning, and Emergencies Record For 2006

Load Reduction Data

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<th>Day</th>
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<th>Actual Peak* Demand (MW)</th>
<th>Load (MW)**</th>
<th>Non-Firm</th>
<th>Firm</th>
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*Actual Peak Demand does not include interrupted load values.

**Load includes both Interruptible (Non-Firm) and Firm load (customer and pump load), and is an APPROXIMATE value based on Real Time operating information.

AWE Declarations

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<tr>
<th>Date</th>
<th>Day</th>
<th>RMO</th>
<th>Alert</th>
<th>Warning</th>
<th>Power Watch</th>
<th>Transmission Emergency</th>
<th>Stage 1</th>
<th>Stage 2</th>
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Total Declarations 16 1 5 18 0 3 1 0 3

# Southern California  ## Northern California

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

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Transmission Emergency Notice is declared by the ISO when any transmission component within the ISO controlled grid has exceeded its maximum facility rating.
### Alert, Warning, and Emergencies Record For 2005

#### Load Reduction Data

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<th>Non-Firm</th>
<th>Firm</th>
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*Actual Peak Demand does not include interrupted load values.

**Load includes both Interruptible (Non-Firm) and Firm load (customer and pump load), and is an APPROXIMATE value based on Real Time operating information.

#### AWE Declarations

<table>
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Total Declarations: 13 0 2 7 5 1 2 0

# Southern California  ## Northern California

**Stage 1 Emergency Notice** is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

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**Transmission Emergency Notice** is declared by the ISO when any transmission component within the ISO controlled grid has exceeded its maximum facility rating.
California ISO Declared Emergencies For 2004

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<th>Stage 2</th>
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Total Declarations 1 0 0 6

*Actual Peak Demand does not include interrupted load values.

**Load includes both interruptible (Non-Firm) and Firm load and is an approximate value based on information obtained from the ISO log.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

Stage 2 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources.

Stage 3 Emergency Notice is declared by the ISO any time it is clear that the Spinning Reserve portion of Operating Reserve is less than the ISO's single largest resource or when, in real-time operations, the Operating Reserve is forecast to be less than the single largest resource.

Transmission Emergency Notice is declared by the ISO when any transmission component within the ISO controlled grid has exceeded its maximum facility rating.
## Declared Restricted Maintenance Operations*, Alert, Warning, Power Watch, or Transmission Emergency Days for 2004

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|   | 16 | 1 | 2 | 6 | 6 |

*Restricted Maintenance Operations. Formerly referred to as "No-Touch Day"
# California ISO Declared Emergencies For 2003

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* Actual Peak Demand includes the Interruptible Load.

** Interruptible Load is approximate and based on information provided by the UDCs.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

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## Declared Restricted Maintenance Operations*, Alert, Warning or Power Watch Days for 2003

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*R Restricted Maintenance Operations. Formerly referred to as "No-Touch Day"*
# California ISO Declared Emergencies For 2002

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* Actual Peak Demand includes the Interruptible Load.
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Declared Restricted Maintenance Operations*, Alert, Warning or Power Watch Days for 2002

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* Restricted Maintenance Operations. Formerly referred to as "No-Touch Day"
### California ISO Declared Emergencies For 2001

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* Actual Peak Demand includes the Interruptible Load.

** Interruptible Load is approximate and based on information provided by the UDCs.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

Stage 2 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all available resources.

Stage 3 Emergency Notice is declared by the ISO any time it is clear that Operating Reserve is less than the ISO's single largest resource or when, in real-time operations, the Operating Reserve is forecast to be less than the single largest resource all available resources.
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## California ISO Declared Emergencies For 2000

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* Actual Peak Demand includes the Interruptible Load.

** Interruptible Load is approximate and based on information provided by the UDCs.

*** CDWR dropped pump load.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

Stage 2 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all resources available.

Stage 3 Emergency Notice is declared by the ISO any time it is clear that Operating Reserve is less than the ISO's single largest resource or when, in real-time operations, the Operating Reserve is forecast to be less than the single largest resource available resources.
### California ISO Declared Emergencies for 1999

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<th>Forecasted Peak Demand (MW)</th>
<th>Actual Peak Demand (MW)</th>
<th>Interruptible Load (MW)**</th>
<th>Stage 1</th>
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* Actual Peak Demand includes the Interruptible Load.

** Interruptible Load is approximate and based on information provided by the UDCs.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

Stage 2 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all resources available.

Stage 3 Emergency Notice is declared by the ISO any time it is clear that Operating Reserve is less than the ISO's single largest resource or when, in real-time operations, the Operating Reserve is forecast to be less than the single largest resource after utilizing all available resources.
## California ISO Declared Emergencies for 1998

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* Actual Peak Demand includes the Interruptible Load.

** Interruptible Load is approximate and based on information provided by the UDCs.

Stage 1 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than MORC minimum) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than minimum after utilizing available resources.

Stage 2 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 5%) is unavoidable or, when in real-time operations, the Operating Reserve is forecast to be less than 5% after dispatching all resources available.

Stage 3 Emergency Notice is declared by the ISO any time it is clear that an Operating Reserve shortfall (less than 1 1/2%) is unavoidable or when in real-time operations, the Operating Reserve is forecast to be less than 1 1/2% after dispatching all resources available.
### Declared No Touch, Alert, Warning and Power Watch Days for 1998 Through 2000

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* Power Watch was implemented in 2000
# Declared No Touch, Alert, Warning and Power Watch Days for 1998 Through 2000

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* Power Watch was implemented in 2000
### Declared No Touch, Alert, Warning and Power Watch Days for 1998 Through 2000

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