

DOCKETED

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Today's Outlook

Get an at-a-glance view of supply and demand, renewable energy production, emergency notifications and requests for energy conservation. These displays are provided for information only and do not represent real-time system operating conditions. [Click here](#) for more information about this page.



Demand

Graph displays current system demand plotted against forecast demand.

Today's Demand

Current System Demand:
(Actual Demand at this point in time)
26377 MW

Today's Peak Demand:
(Highest point thus far today)
28334 MW

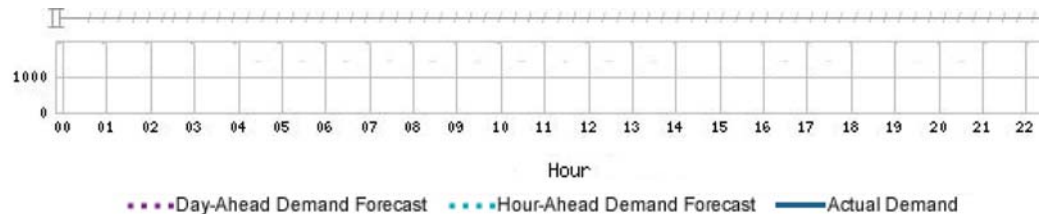
Today's Forecast Peak Demand:
(Highest point expected today. Does not appear post-peak.)
29765 MW

Tomorrow's Forecast Peak Demand:
(Not included on graph)
30580 MW

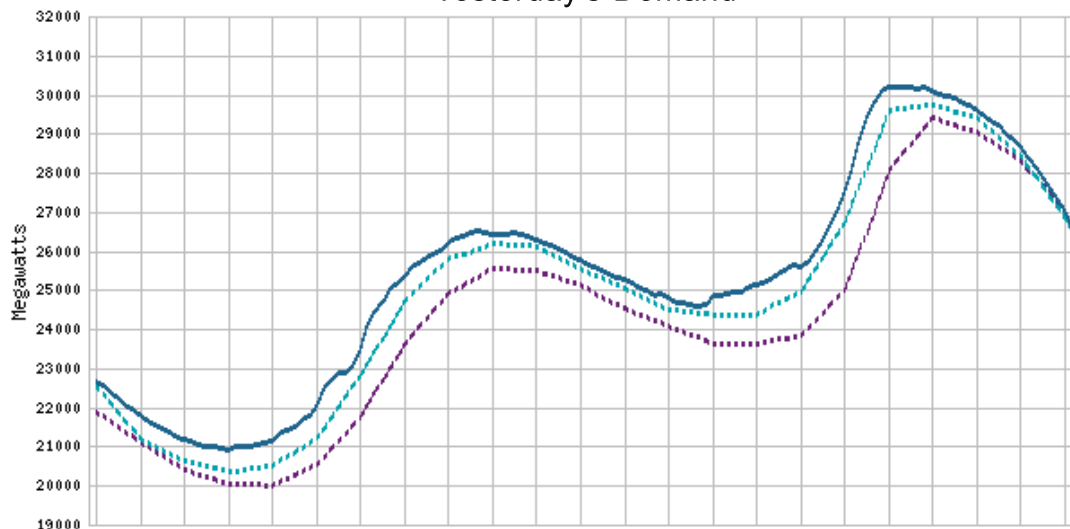
Information is current as of 17-Jan-2017 15:20 . If browser does not support auto refresh, select reload.

The ISO markets procure the resources necessary to meet 100% of the demand forecast plus the capacity necessary to maintain the required regulating and contingency operating reserves.

[click graph for details](#)



Yesterday's Demand



Current System Demand:
(Actual Demand at this point in time)
26476 MW

Today's Peak Demand:
(Highest point thus far today)
26493 MW

Today's Forecast Peak Demand:
(Highest point expected today. Does not appear post-peak.)
30195 MW

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Renewables

Graph shows aggregated output from renewables connected to the ISO grid.

Current Renewables

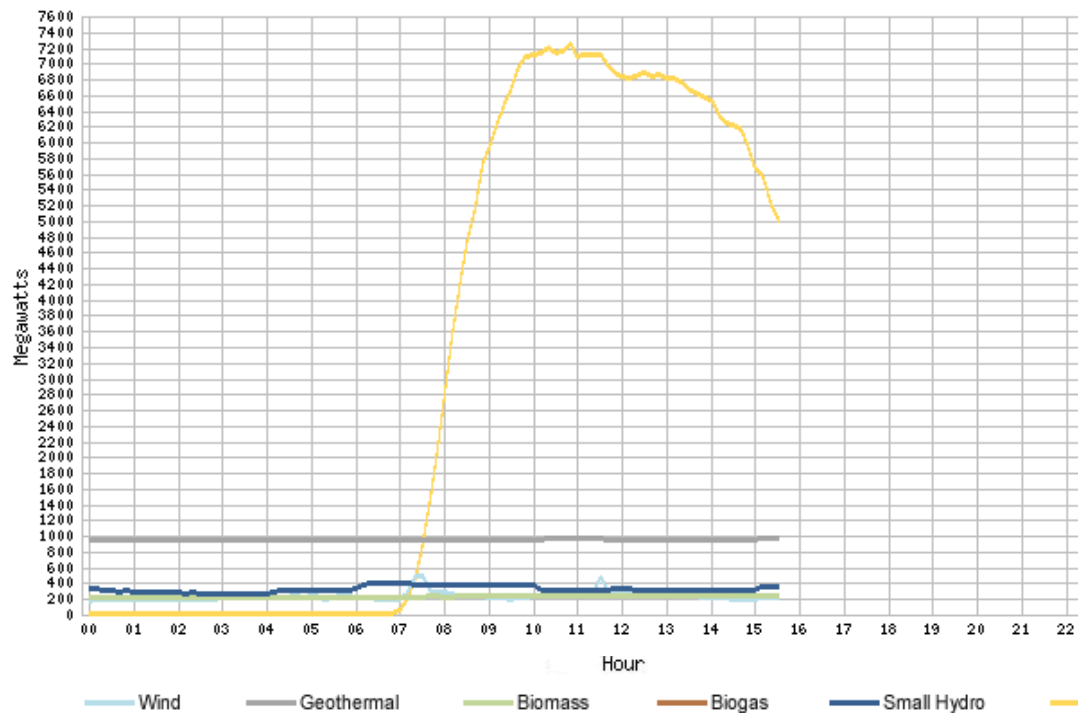
6935 MW

Current Solar: 4997 MW

Current Wind: 213 MW



[Click here](#) for yesterday's actual renewable energy production, daily wind and solar curtailments and greenhouse gas emissions reports.

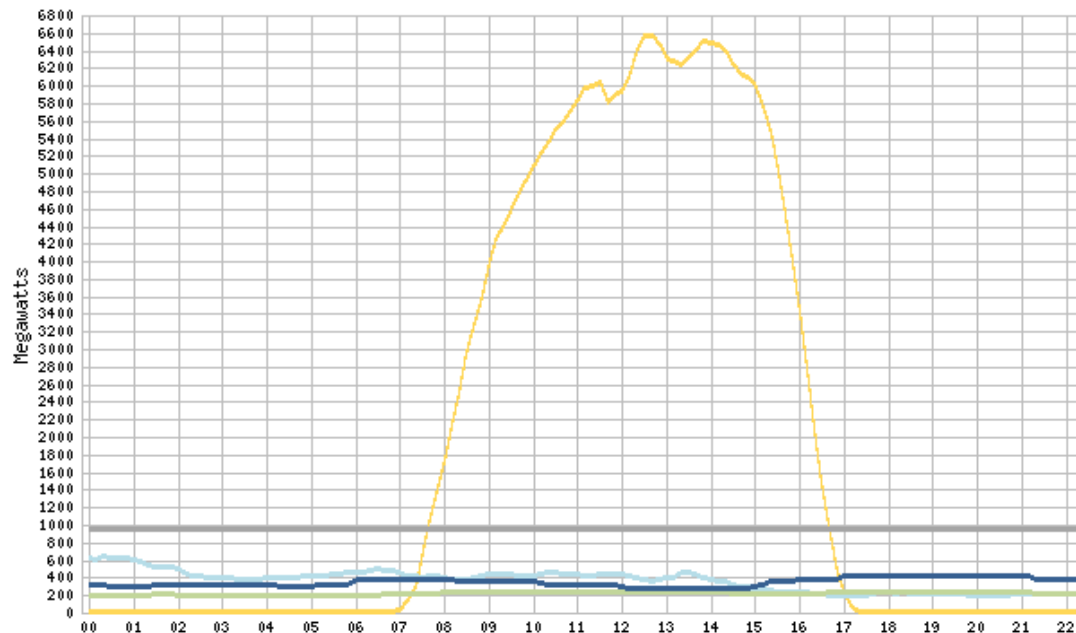


Yesterday's Renewables

Current System Demand:
(Actual Demand at this point in time)
26476 MW

Today's Peak Demand:
(Highest point thus far today)
26493 MW

Today's Forecast Peak Demand:
(Highest point expected today. Does not appear post-peak.)
30195 MW



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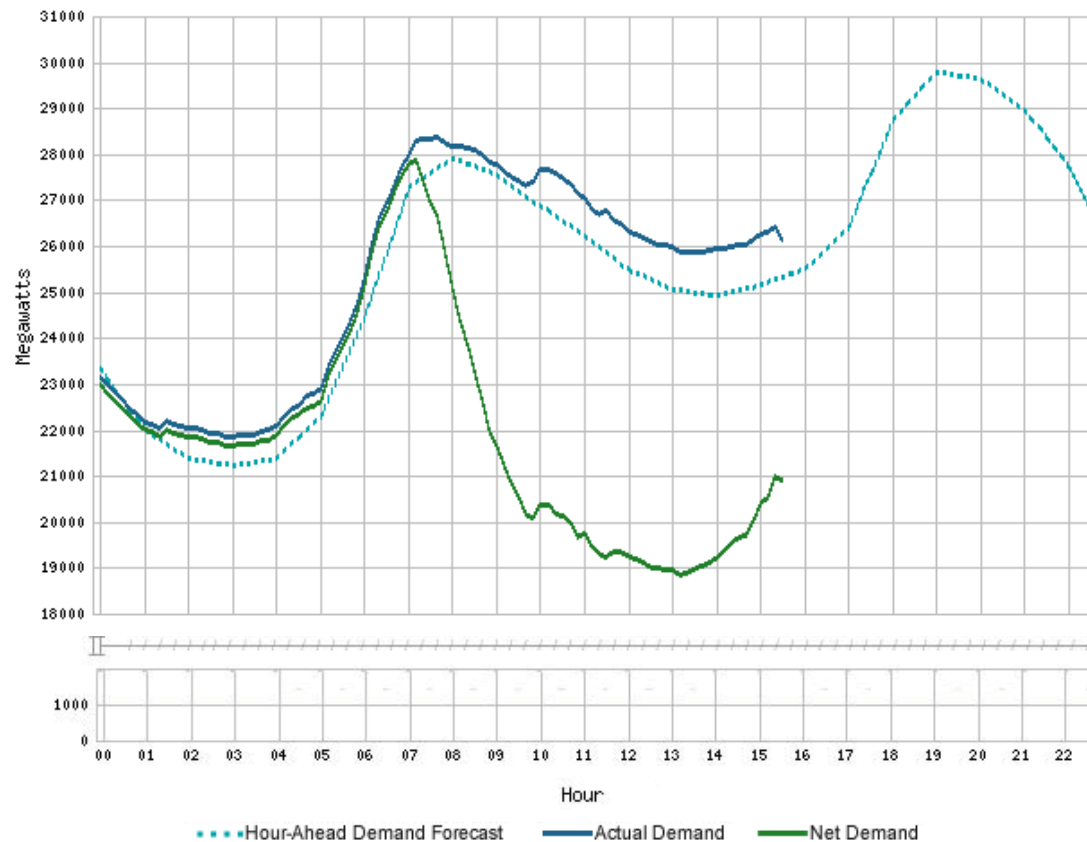
Net Demand

The net demand curve depicts the variability in demand and supply that the ISO must counter balance to maintain grid reliability. Net demand is calculated taking the actual demand and subtracting the electricity produced by variable generation resources, wind and solar, that are directly connected to the ISO.

Higher levels of variable electricity generation increases the ISO operational need for resources with the technological flexibility to start and stop quickly, and maintain output for set periods of time, so we can match supply and demand at all times.

[Click here](#) to learn how flexible resources help renewable integration.

[Learn how we are greening the grid](#) 

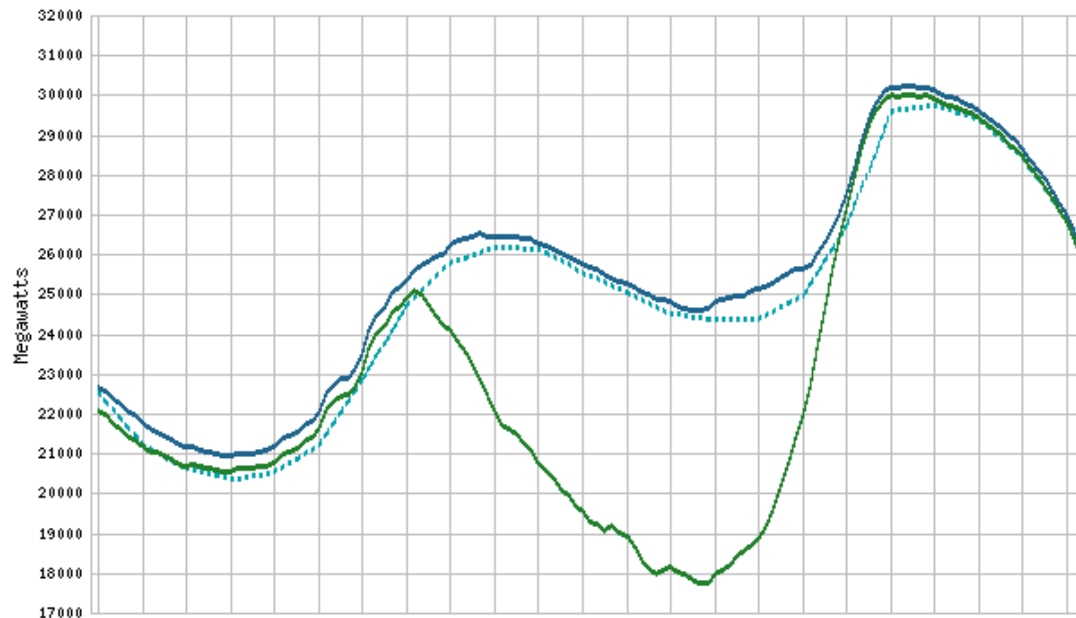


Yesterday's Net Demand

Current System Demand:
 (Actual Demand at this point in time)
 26476 MW

Today's Peak Demand:
 (Highest point thus far today)
 26493 MW

Today's Forecast Peak Demand:
 (Highest point expected today. Does not appear post-peak.)
 30195 MW



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Active Alerts, Warnings and Emergencies

This table reflects the status of active emergency notices issued when operating reserves or transmission capacity limitations threaten our ability to safely and reliably operate the grid.

AWE Stages	Northern California	Southern California	VEA Region
Stage 3 Emergency			
1 Hour Notification of Probable Load Interruption			
Stage 2 Emergency			
Stage 1 Emergency			
Warning			
Alert			
Flex Alert			
Restricted Maintenance Operations			
Transmission Emergency			

Quick links

- [Alert, warning and emergency notice log](#)
- [Emergency fact sheet](#)
- [Alerts, warnings & emergency history - 1998 to present](#)
- [ISO annual peak load history - 1998 through 2015](#)
- [Sign up for alert, warning and emergency notices](#)

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Flex Alerts

A Flex Alert is an urgent call to cut back on electricity and shift demand to off-peak hours (typically after 9 p.m.). As part of an educational and emergency alert program, Alerts inform consumers about how and when to conserve electricity. This conservation is critical during heat waves and other challenging grid conditions, including wildfires or when major power plant or power lines are unavailable. Go to the [Flex Alert tips page](#) for more information on how you can help.



If Officials call a Flex Alert:



Adjust A/C
up to 78° +



Use appliances
after 9pm



Turn off
unnecessary lights
[learn more...](#)

Quick links

[Flex Alert messages and sign up form](#)

[Flex Alert tips](#)

[Flex Alert FAQs](#)

[Emergency fact sheet](#)

Current Active Notice(s)

No Current Notice

Pending Notices

No Pending Notices