Wednesday, Aug. 17, 9 p.m.

No Flex Alert is planned for tomorrow, Thursday, Aug. 18. The power grid is currently stable, and there are no forecasts of supply deficiencies for tomorrow.

Wednesday, Aug. 17, 2 p.m.

The California ISO issued a Restricted Maintenance Operations (RMO) for Friday, Aug. 19, from noon to 10 p.m., due to anticipated high temperatures and loads. ISO market participants are cautioned to avoid taking grid assets offline for routine maintenance during this time, to ensure that all available generators and transmission lines are in service.

Wednesday, Aug. 17, 11 a.m.

- A Flex Alert is in effect today, from 4-9 p.m.
- While temperatures in some areas of the state are forecast lower than yesterday, heat is only one factor affecting power supplies.
- We are experiencing the highest load levels of the year.
- We have to watch weather in neighboring areas, which impacts our ability to import power from other grids.
- Temperatures are currently on the rise in the Pacific Northwest, where we often buy energy to supplement our supplies in the summer.
- Monsoonal cloud cover affects solar production in many areas of the western states.
- Overnight temperatures are staying high, which makes buildings and infrastructure retain heat and can cause people to run air conditioners more.
- During multiple days of heat, generators that have been running at top speed can fail or trip offline unexpectedly.
- We also have to expect the unexpected, meaning we need to be prepared for any unplanned event that could tighten energy supplies.
- Overall, we are in a fairly good position, except for drought effects on hydro supplies.
- We had some generation outages yesterday, and there's some uncertainty about their availability today, so we called a Flex Alert to ask consumers to reduce electricity use from 4-9 p.m. today.
- That is the most critical time on the grid, because solar production is going offline, but temperatures remain high.
- The Flex Alert will give us some cushion. With consumers giving us a little help at that key time of the day, we don't expect any additional emergencies to be declared today.
- We maintain reserves of energy just for those emergencies, but when we get too close to the margin, we ask consumers for help in giving us some cushion during the most critical time of the day.
SYSTEM CONDITIONS BULLETIN

- All demand response dispatched yesterday was economic based in the day-ahead market, not emergency demand response. These are energy conservation programs managed by the transmission owners or distribution system operators. They are triggered when supply conditions get tight or prices reach a pre-determined level. The level is set by the distribution system operators.

Tuesday, Aug. 16, 6 p.m.


The top three actions we’re encouraging consumers to take are:

- Pre-cool your homes before 4 p.m. and then set the thermostat to 78 degrees or higher from 4 to 9 p.m., if health permits.
- Defer use of major appliances from 4 p.m. to 9 p.m. Run your dishwasher and washing machine earlier or later.
- Turn off all unnecessary lights from 4 p.m. to 9 p.m.

We don’t anticipate any rotating power outages at this time.

This is the first Flex Alert of the 2022 summer season. For a summary of past emergencies since 1998, including Flex Alerts, view the Grid Emergencies History Report on our Emergency Notifications page. The page also houses a report of peak load history, and the current active notices.

In past years, consumer conservation has helped avoid the need for rotating outages. Californians have typically been very responsive to Flex Alerts, and we are always thankful for their efforts and impressed with the impacts of voluntary conservation.

When Flex Alerts are called, reducing electricity use is crucial to preventing further emergency actions, including rotating power outages, to protect grid integrity.

With excessive heat warnings and heat advisories throughout the state this week, the California ISO is calling on consumers to get prepared by visiting FlexAlert.org to review conservation tips and sign up for Flex Alert notifications.

Due to the anticipated high loads, the California ISO also issued Restricted Maintenance Operations (RMO) for Monday, Aug. 15 through Thursday, Aug. 18, from noon to 10 p.m. to help ensure all generators and transmission lines are online and available.

We’re monitoring closely for any other changes, such as excessive heat, wildfires or generation or transmission outages that would impact supplies or the grid.

The California ISO will update this bulletin as needed. For breaking news and grid updates, follow us on Twitter at @California_ISO, and at @FlexAlert.

View system conditions in real time at Today’s Outlook.

To sign up to receive our news releases, Daily Briefings, Flex Alerts, and Energy Matters newsletter, go to the Subscriptions and notifications webpage.