California ISO

KEY STATISTICS

Peaks for April 2026

PEAK DEMAND[1]
31,873 MW
Apr. 9, 10:15 a.m.

Previous month
35,965 MW

Previous year:
28,774 MW

SOLAR PEAK[1]
20,988 MW
Apr. 10, 11:24 a.m.

Previous month:
21,365 MW

Previous year:
21,062 MW

WIND PEAK[1]
7,217 MW
Apr. 13, 7:38 p.m.

Previous month:
6,687 MW

Previous year:
6,313 MW

PEAK DEMAND SERVED BY RENEWABLES[1,2]
26,754 MW
Apr. 6, 4:08 p.m.

Previous month:
23,496 MW

Previous year:
23,830 MW

PEAK NET IMPORTS
9,947 MW
Apr. 2, 1:18 a.m.

Previous month:
10,301 MW

Previous year:
8,498 MW

PEAK NET EXPORTS
3,891 MW
Apr. 8, 4 p.m.

Previous month:
4,578 MW

Previous year:
5,676 MW

Historical statistics and records (as of 5/13/2026)

PEAK DEMAND
52,061 MW
Sept. 6, 2022 at 4:57 p.m.

Second highest:
50,270 MW, July 24, 2006

New record

SOLAR PEAK
22,488 MW
May 12, 2026 at 11:32 a.m.

Previous record:
22,438 MW, May 11, 2026

New record

WIND PEAK
7,748 MW
May 4, 2026 at 12:54 a.m.

Previous record:
7,533 MW, May 3, 2026

PEAK NET IMPORTS
11,894 MW
Sept. 21, 2019 at 6:53 p.m.

STEEPEST 3-HOUR AVERAGE RAMP
24,567 MWh
Mar. 16, 2026 starting at 3:50 p.m.

Second highest:
24,378 MWh, Oct. 5, 2025

1 Based on 1-minute averages, and includes dynamic transfers. Values are subject to revision as data is refined.
2 Indicates the highest amount of renewables serving peak electricity demand on any given day.

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Western Energy Imbalance Market (WEIM) benefits: Q1 2026 Read report

BENEFITS
$382.12 million
Previous quarter:
$415.65 million

ISO AVOIDED CURTAILMENTS
80,832 MWh
Previous quarter:
36,261 MWh

ISO'S GHG SAVINGS[3]
34,596 $MTCO_2$
Previous quarter:
15,520 $MTCO_2$

WEIM benefits since 2014 Visit WEIM page

BENEFITS
$8.24 billion

ISO AVOIDED CURTAILMENTS
2,776,229 MWh

ISO'S TOTAL GHG SAVINGS[3]
1,188,146 $MTCO_2$

Active participants: 24

Future participants: 1

Number of states: 12

Resources

Resource adequacy net qualifying capacity (NQC) = **56,840 MW**

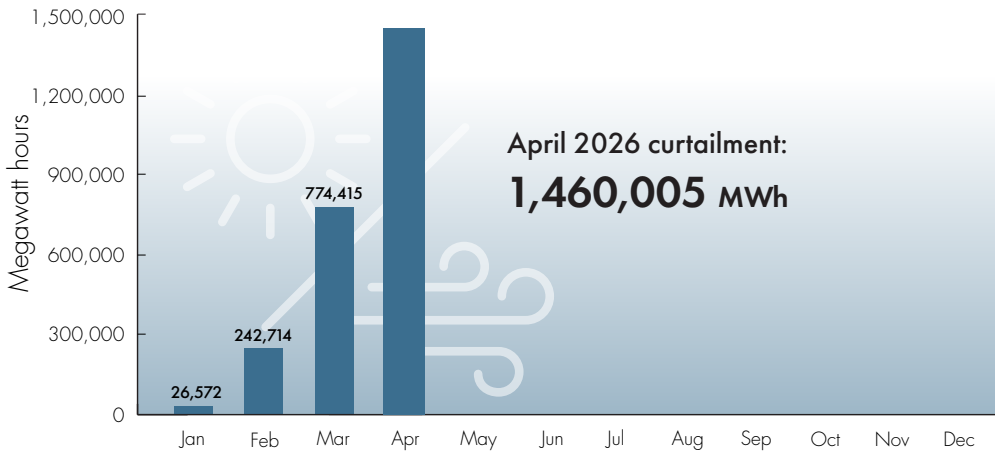
As of 5/1/26. Does not include current outages.

Installed battery capacity[4]
16,251 MW

As of 5/1/26; subject to change.

Wind and solar curtailment totals

Learn about curtailment and managing the evolving grid.



[3] The GHG emission reduction is associated with the avoided curtailment only.
[4] Includes storage resources that have achieved commercial operation date, and does not include pumped storage.

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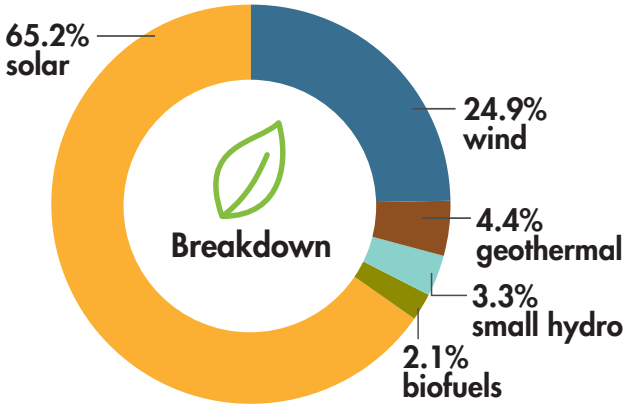
Installed renewable resources (as of 5/13/2026)



	Megawatts
Solar	22,702
Wind	8,681
Geothermal	1,541
Small hydro	1,143
Biofuels	727
TOTAL	**34,794**

See Today's Outlook

NOTE — The ISO is using updated methodology to generate data. Only fully commercial units are now counted; units that are in test mode or partially online are excluded. For that data, view the Master Control Area Generating Capability List in the Master Generating File on OASIS under "Atlas Reference."

Other facts

- 32 million consumers served
- Serves ~80% of California demand
- Serves ~24% of WECC demand within the ISO balancing authority
- 1 MW serves about 750-1,000 homes (1 MWh = 1 million watts used for one hour)
- 239.2 million megawatt-hours of load served (2025)
- 245.9 million megawatts of total electricity delivered (2025)
- 41,886 MW average market transactions per day (2025)
- 23 participating transmission owners
- ~26,000 circuit miles of transmission
- 337 market participants
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

See previous Key Statistics

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