California ISO

KEY STATISTICS

Peaks for July 2026

PEAK DEMAND[1]
43,625 MW
July 15, 7:00 p.m.

Previous month
38,588 MW

Previous year:
39,908 MW

SOLAR PEAK[1]
23,367 MW
Aug. 3, 11:02 a.m.

Previous month:
23,218 MW

Previous year:
21,774 MW

WIND PEAK[1]
7,292 MW
July 28, 11:19 p.m.

Previous month:
7,733 MW

Previous year:
5,452 MW

PEAK DEMAND SERVED BY RENEWABLES[1,2]
22,938 MW
July 6, 6:02 p.m.

Previous month:
29,723 MW

Previous year:
25,744 MW

PEAK NET IMPORTS
10,018 MW
July 4, 3:58 a.m.

Previous month:
10,296 MW

Previous year:
7,947 MW

PEAK NET EXPORTS
7,302 MW
July 24, 5:53 p.m.

Previous month:
5,811 MW

Previous year:
5,909 MW

Historical statistics and records (as of 8/4/2026)

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
23,367 MW
Aug. 3, 2026 at 11:48 a.m.

Previous record:
23,224 MW, July 10, 2026

WIND PEAK
8,312 MW
May 15, 2026 at 1:41 a.m.

Previous record:
7,748 MW, May 4, 2026

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

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

Second highest:
24,378 MW, 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.

California ISO

KEY STATISTICS

Western Energy Markets (WEM) benefits: Q2 2026

As of Q2 2026 the quarterly benefits report includes both EDAM and WEIM data.

Q2 EDAM BENEFITS

Visit EDAM benefits page

$11.38 million

Active participants: 3

Future participants: 2

Number of states: 7

Q2 WEIM 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 benefits page

$8.62 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) = **69,590 MW**

As of 8/4/26. Does not include current outages.

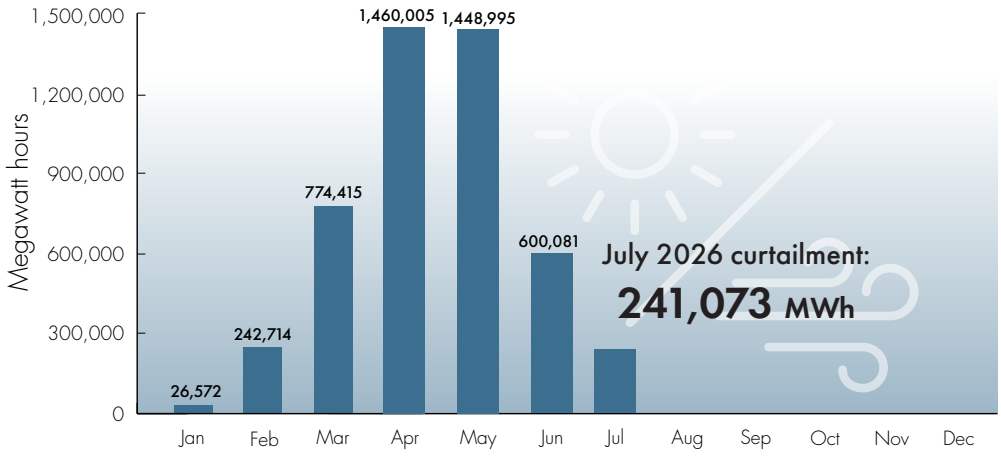
Installed battery capacity[4]

17,125 MW

As of 8/4/26; subject to change.

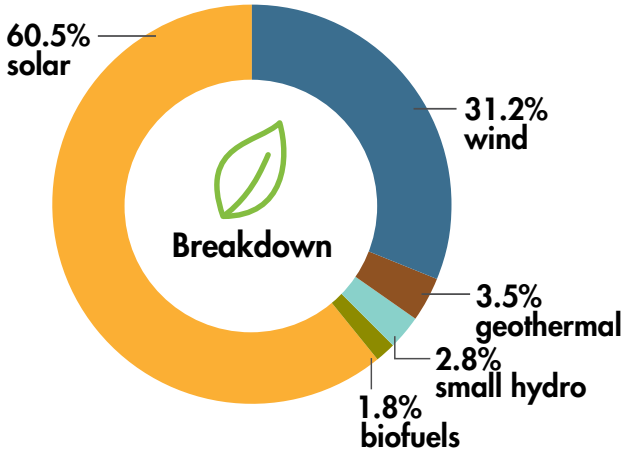
Wind and solar curtailment totals

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.

Installed renewable resources (as of 8/5/2026)



	Megawatts
Solar	23,920
Wind	12,332
Geothermal	1,410
Small hydro	1,140
Biofuels	722
TOTAL	**39,524**

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
- 340 market participants
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

See previous Key Statistics

Comm | 08/26
©2026 California ISO