California ISO

KEY STATISTICS

Peaks for October 2026

PEAK DEMAND[1]
46,786 MW
Oct. 5, 3:58 p.m.

Previous month
50,335 MW

Previous year:
31,911 MW

SOLAR PEAK[1]
21,991 MW
Oct. 3, 11:02 a.m.

Previous month:
23,329 MW

Previous year:
19,980 MW

WIND PEAK[1]
6,852 MW
Oct. 11, 2:29 p.m.

Previous month:
7,496 MW

Previous year:
4,983 MW

PEAK DEMAND SERVED BY RENEWABLES[1,2]
24,113 MW
Oct. 13, 3:09 p.m.

Previous month:
26,535 MW

Previous year:
22,035 MW

PEAK NET IMPORTS
6,698 MW
Oct. 12, 3:08 a.m.

Previous month:
10,433 MW

Previous year:
9,114 MW

PEAK NET EXPORTS
3,462 MW
Oct. 30, 2:27 p.m.

Previous month:
3,727 MW

Previous year:
2,478MW

Historical statistics and records (as of 11/6/2026)

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

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

SOLAR PEAK
23,896 MW
Aug. 19, 2026 at 12:04 p.m.

Previous record:
23,547 MW, Aug. 15, 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
25,023 MW
Oct. 25, 2026 starting at 3:05 p.m.

Second highest:
24,680 MW, Oct. 13, 2026

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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 Markets (WEM) benefits: Q3 2026

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

Q3 EDAM BENEFITS

Visit EDAM benefits page

$21.40 million

Previous quarter:
$11.38 million

EDAM BENEFITS SINCE LAUNCH

$32.77 million

Active participants: 3

Future participants: 7

Number of states: 7

Q3 WEIM BENEFITS

Visit WEIM benefits page

$520.50 million

Previous quarter:
$459.71 million

ISO AVOIDED CURTAILMENTS

55,204 MWh

Previous quarter:
197,404 MWh

ISO'S GHG SAVINGS[3]

23,627 $MTCO_2$

Previous quarter:
84,489 $MTCO_2$

WEIM BENEFITS SINCE 2014

$9.6 billion

ISO AVOIDED CURTAILMENTS

3,028,837 MWh

ISO'S TOTAL GHG SAVINGS[3]

1,296,262 $MTCO_2$

Active participants: 24

Future participants: 1

Number of states: 12

Resources

Resource adequacy net qualifying capacity (NQC) = **58,990 MW**

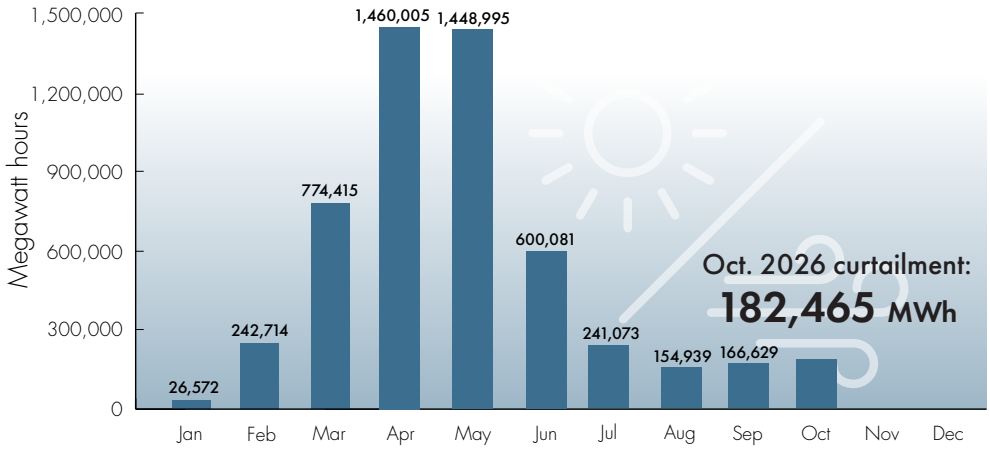
As of 11/6/26. Does not include current outages.

Installed battery capacity[4]
17,285 MW

As of 10/31/26; subject to change.

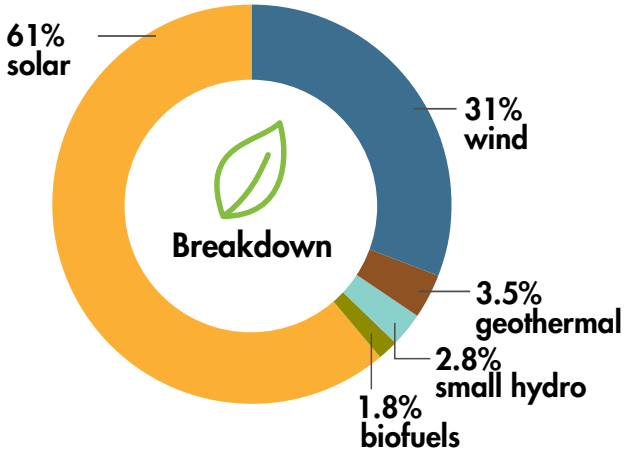
Wind and solar curtailment totals

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 11/6/2026)



	Megawatts
Solar	24,819
Wind	12,403
Geothermal	1,443
Small hydro	1,140
Biofuels	722
TOTAL	**40,527**

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

See previous Key Statistics

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