

KEY STATISTICS

Peaks for July 2026

 **PEAK DEMAND¹**
43,625 MW

July 15, 7:00 p.m.

Previous month:
38,588 MW

Previous year:
39,908 MW

 **SOLAR PEAK¹**
23,367 MW

Aug. 3, 11:02 a.m.

Previous month:
23,218 MW

Previous year:
21,774 MW

 **WIND PEAK¹**
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 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.

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 SAVINGS³

34,596 MTCO₂

Previous quarter:

15,520 MTCO₂

WEIM BENEFITS SINCE 2014

[Visit WEIM benefits page](#)

\$8.62 billion

ISO AVOIDED CURTAILMENTS

2,776,229 MWh

ISO'S TOTAL GHG SAVINGS³

1,188,146 MTCO₂

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.

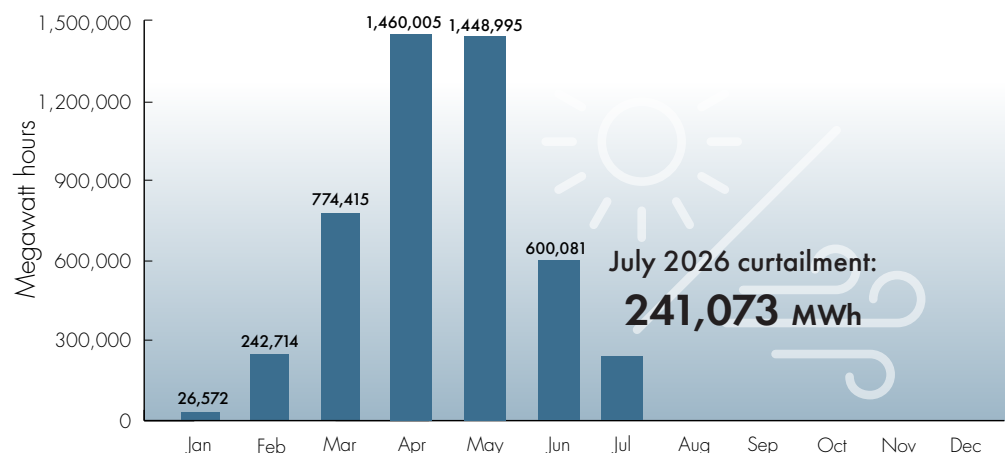


Installed battery capacity⁴ = **17,125 MW**

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

Wind and solar curtailment totals

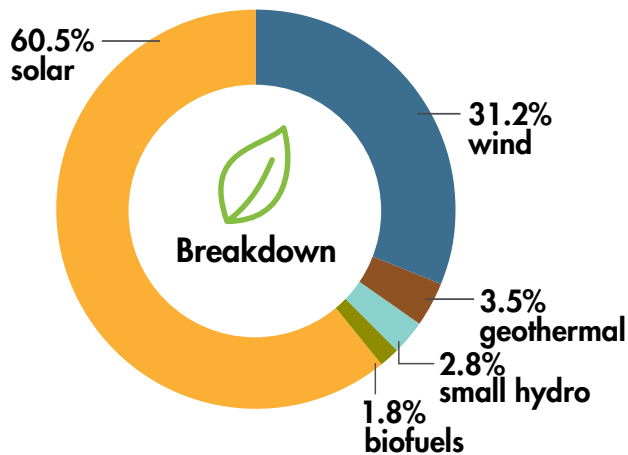
[Learn about curtailment and managing the evolving grid.](#)



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](#)