

Peaks for September 2026

 **PEAK DEMAND¹**
50,335 MW

Sept. 9, 5:54 p.m.

Previous month:
47,140 MW

Previous year:
42,956 MW

 **SOLAR PEAK¹**
23,329 MW

Sept. 11, 11:55 a.m.

Previous month:
23,896 MW

Previous year:
21,290 MW

 **WIND PEAK¹**
7,496 MW

Sept. 21, 9:34 p.m.

Previous month:
7,353 MW

Previous year:
5,806 MW

 **PEAK DEMAND SERVED
BY RENEWABLES^{1,2}**
26,535 MW

Sept. 22, 1:06 p.m.

Previous month:
29,202 MW

Previous year:
24,383 MW

 **PEAK NET IMPORTS**
10,433 MW

Sept. 26, 10:27 p.m.

Previous month:
7,847 MW

Previous year:
9,823 MW

 **PEAK NET EXPORTS**
3,727 MW

Sept. 19, 2:42 p.m.

Previous month:
5,190 MW

Previous year:
3,871 MW

Historical statistics and records (as of 10/13/2026)

 **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**

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.

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) = **64,852 MW**

As of 10/13/26. Does not include current outages.

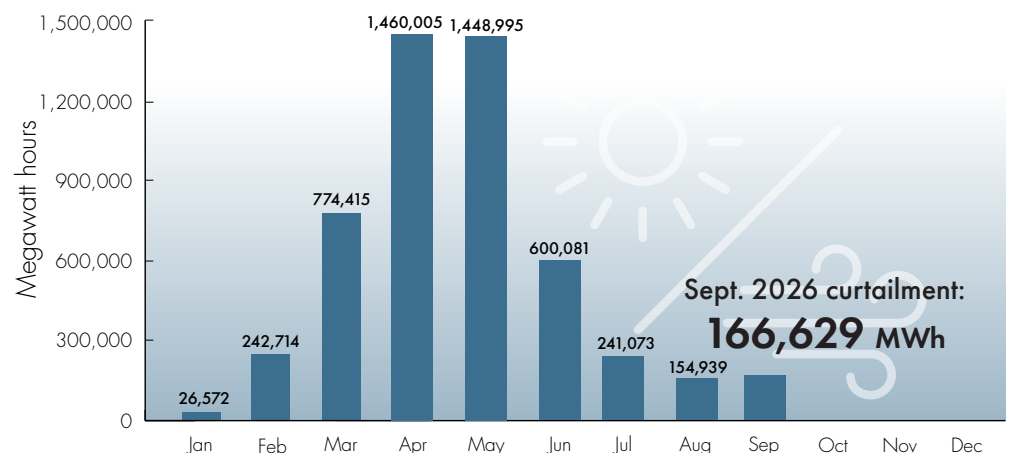


Installed battery capacity⁴ = **17,307 MW**

As of 9/30/26; subject to change.

Wind and solar curtailment totals

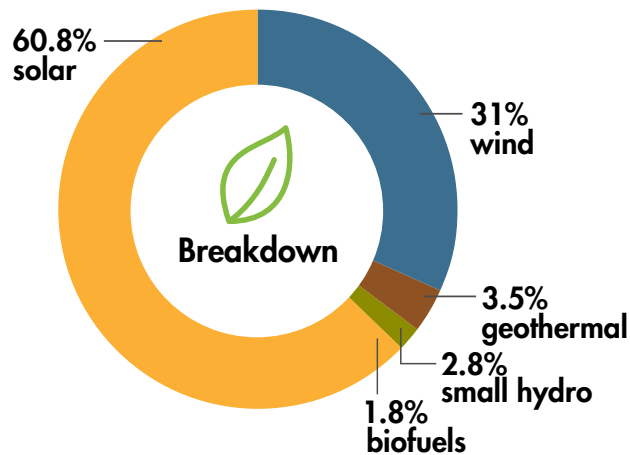
[Learn about curtailment and managing the evolving grid.](#)



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 9/10/2026)



	Megawatts
 Solar	24,415
 Wind	12,453
 Geothermal	1,410
 Small hydro	1,140
 Biofuels	722
TOTAL	40,140

[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
- 343 [market participants](#)
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

[See previous Key Statistics](#)