

KEY STATISTICS

Peaks for December 2025


PEAK DEMAND¹
31,455 MW

Dec. 10, 9:11 a.m.

Previous month

30,571 MW

Previous year:

30,581 MW


SOLAR PEAK¹
15,674 MW

Dec. 12, 1:51 p.m.

Previous month:

18,565 MW

Previous year:

14,312 MW


WIND PEAK¹
5,137 MW

Dec. 25, 1:59 a.m.

Previous month:

4,449 MW

Previous year:

5,292 MW


PEAK DEMAND SERVED BY RENEWABLES^{1,2}
19,592 MW

Dec. 27, 11:35 a.m.

Previous month:

21,094 MW

Previous year:

15,511 MW


PEAK NET IMPORTS
11,078 MW

Dec. 16, 3:30 a.m.

Previous month:

8,769 MW

Previous year:

9,260 MW


PEAK NET EXPORTS
0 MW

No net exports in Dec.

Previous month:

1,087 MW

Previous year:

456 MW

Historical statistics and records (as of 1/15/2026)


PEAK DEMAND
52,061 MW

Sept. 6, 2022 at 4:57 p.m.

Second highest:

50,270 MW, July 24, 2006


SOLAR PEAK
21,774 MW

July 30, 2025 at 11:56 a.m.

Previous record:

21,718 MW, July 24, 2025


WIND PEAK
6,465 MW

May 28, 2022 at 5:39 p.m.

Previous record:

6,265 MW, Mar. 4, 2022


PEAK NET IMPORTS
11,894 MW

Sept. 21, 2019 at 6:53 p.m.


STEEPEST 3-HOUR AVERAGE RAMP
24,378 MWh

Oct. 5, 2025 starting at 2:25 p.m.

Second highest:

23,400 MWh, Mar. 7, 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 Imbalance Market (WEIM) benefits: Q3 2025 [Read report](#)

BENEFITS

\$411.98 million

 Previous quarter:
\$420.44 million

ISO AVOIDED CURTAILMENTS

33,227 MWh

 Previous quarter:
112,712 MWh

 ISO GHG SAVINGS³
14,221 MTCO₂

 Previous quarter:
48,241 MTCO₂

 WEIM benefits since 2014 [Visit WEIM page](#)

BENEFITS

\$7.82 billion

 Active participants: **22**

ISO AVOIDED CURTAILMENTS

2,659,136 MWh

 Future participants: **3**

 ISO GHG SAVINGS³
1,138,030 MTCO₂

 Number of states: **11**

Resources

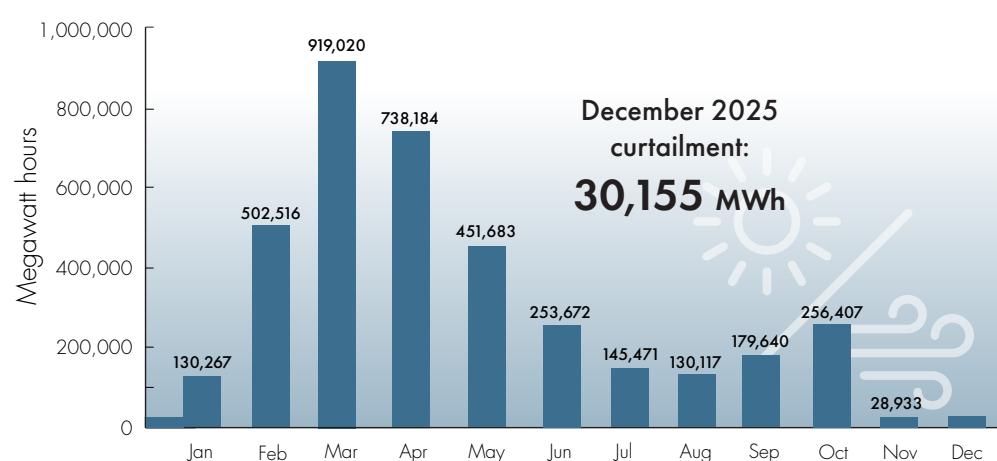

 Resource adequacy net qualifying capacity (NQC) = **54,477 MW**

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


 Installed battery capacity⁴
15,809.80 MW

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

Wind and solar curtailment totals

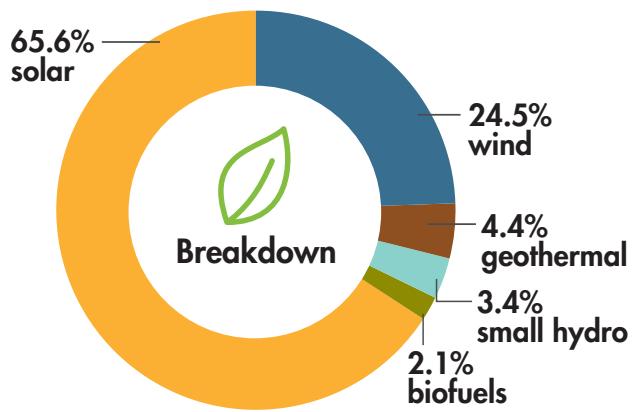
[Learn about curtailment and managing the evolving grid.](#)

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.



KEY STATISTICS

Installed renewable resources (as of 1/15/2026)



	Megawatts
Solar	22,444
Wind	8,355
Geothermal	1,508
Small hydro	1,144
Biofuels	730
TOTAL	34,181

[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)
- 241.8 million megawatt-hours of load served (2024)
- 253.3 million megawatts of total electricity delivered (2024)
- 40,298 MW average market transactions per day (2024)
- 23 participating transmission owners
- ~26,000 circuit miles of transmission
- 333 market participants
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

[See previous Key Statistics](#)