

Peaks for November 2025

 **PEAK DEMAND¹**
30,571 MW

Nov. 13, 11:09 a.m.

Previous month:
31,911 MW

Previous year:
28,936 MW

 **SOLAR PEAK¹**
18,565 MW

Nov. 1, 10:16 a.m.

Previous month:
19,980 MW

Previous year:
16,110 MW

 **WIND PEAK¹**
4,449 MW

Nov. 6, 5:25 p.m.

Previous month:
4,983 MW

Previous year:
5,403 MW

 **PEAK DEMAND SERVED BY RENEWABLES^{1,2}**
21,094 MW

Nov. 6, 9:08 a.m.

Previous month:
22,035 MW

Previous year:
16,360 MW

 **PEAK NET IMPORTS**
8,769 MW

Nov. 1, 11:05 p.m.

Previous month:
9,114 MW

Previous year:
8,030 MW

 **PEAK NET EXPORTS**
1,087 MW

Nov. 23, 2:45 p.m.

Previous month:
2,478 MW

Previous year:
1,503 MW

Historical statistics and records (as of 12/15/2025)

 **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) = **53,972 MW**

As of 12/1/25. Does not include current outages.



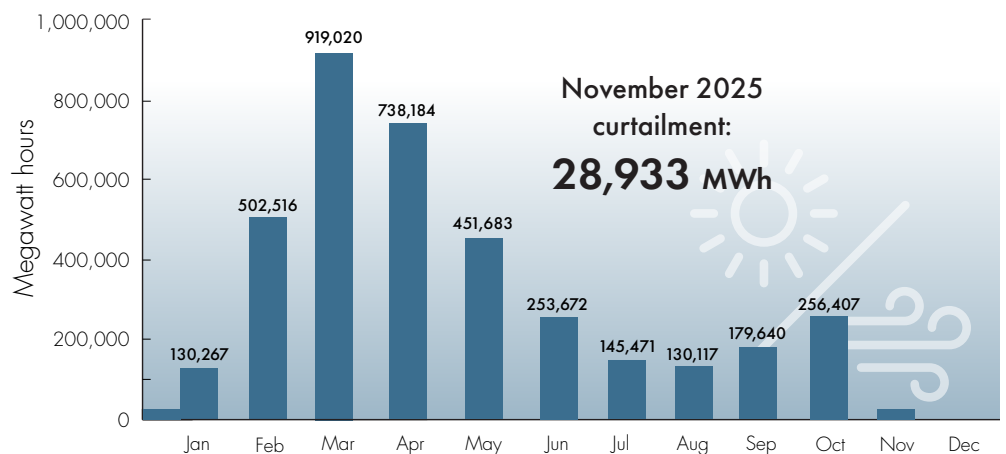
Installed battery capacity⁴

15,249 MW

As of 12/1/25; subject to change.

Wind and solar curtailment totals

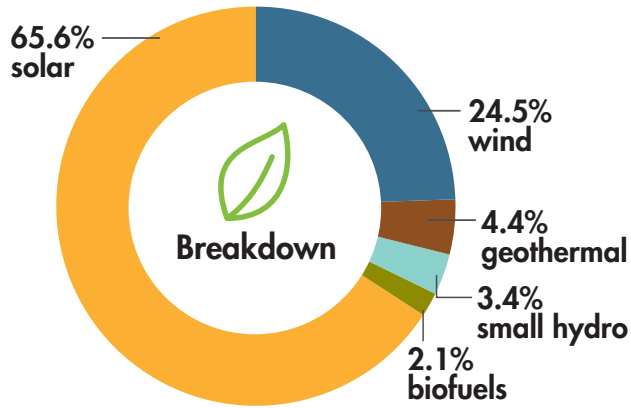
[Learn about curtailment and managing the evolving grid.](#)








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 12/15/2025)



	Megawatts
 Solar	22,380
 Wind	8,355
 Geothermal	1,508
 Small hydro	1,146
 Biofuels	730
TOTAL	34,119

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

[See previous Key Statistics](#)