

Peaks for February 2025

 **PEAK DEMAND¹**
29,772 MW

Feb. 6, 8:57 a.m.

Previous month:
29,917 MW

Previous year:
28,592 MW

 **SOLAR PEAK¹**
18,070 MW

Feb. 21, 12:04 p.m.

Previous month:
16,429 MW

Previous year:
15,066 MW

 **WIND PEAK¹**
5,917 MW

Feb. 14, 11:58 a.m.

Previous month:
5,475 MW

Previous year:
5,181 MW

 **PEAK DEMAND SERVED
BY RENEWABLES^{1,2}**
20,623 MW

Feb. 14, 9:27 a.m.

Previous month:
17,748 MW

Previous year:
6,165 MW

 **PEAK NET IMPORTS**
9,845 MW

Feb. 23, 10:48 p.m.

Previous month:
9,863 MW

Previous year:
7,994 MW

 **PEAK NET EXPORTS**
2,769 MW

Feb. 11, 1:20 p.m.

Previous month:
2,321 MW

Previous year:
4,042 MW

Historical statistics and records *(as of 03/07/2025)*

 **PEAK DEMAND**

52,061 MW

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

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

 **SOLAR PEAK**

19,650 MW

Aug. 23, 2024 at 12:10 p.m.

Previous record:
19,368 MW, June 20, 2024

 **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**

23,228 MWh

Jan. 20, 2025 starting at 2:30 p.m.

Second highest:
22,687 MWh, Jan. 12, 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.



KEY STATISTICS

Western Energy Imbalance Market (WEIM) benefits: Q4 2024 [Read report](#)

BENEFITS

\$374.25 million

Previous quarter:
\$394.88 million

ISO AVOIDED CURTAILMENTS

30,462 MWh

Previous quarter:
53,049 MWh

ISO GHG SAVINGS³

13,038 MTCO₂

Previous quarter:
22,705 MTCO₂

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

BENEFITS

\$6.62 billion

ISO AVOIDED CURTAILMENTS

2,437,182 MWh

ISO GHG SAVINGS³

1,043,034 MTCO₂

Active participants: **22**

Future participants: **2**

Number of states: **11**

Resources



Resource adequacy net qualifying capacity (NQC) = **51,662 MW**

As of 02/28/25. Does not include current outages.

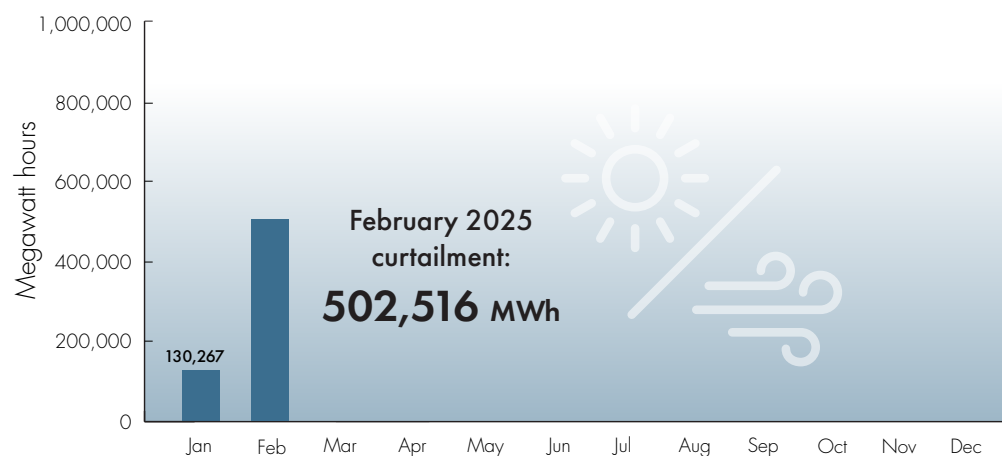


Installed battery capacity⁴ = **11,267 MW**

As of 02/28/25; subject to change.

Wind and solar curtailment totals

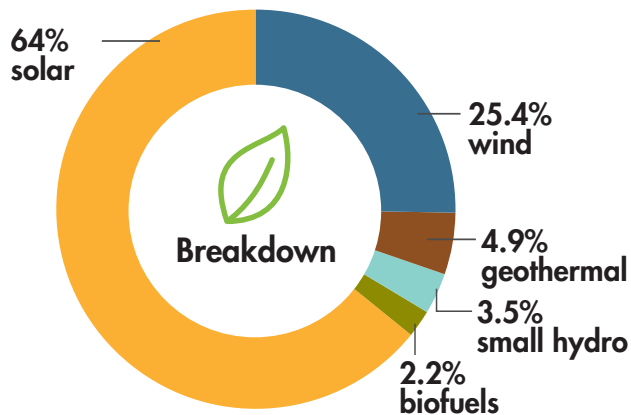
[Learn about curtailment and managing the evolving grid.](#)








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 03/07/2025)*



	Megawatts
 Solar	21,042
 Wind	8,346
 Geothermal	1,610
 Small hydro	1,147
 Biofuels	730
TOTAL	32,875

[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
- Serve ~80% of California demand
- Serve ~33% 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)
- 237.5 million megawatt-hours of load served (2023)
- 245.8 million megawatts of total electricity delivered (2023)
- 37,751 MW average market transactions per day (2023)
- 22 participating transmission owners
- ~26,000 circuit miles of transmission
- 332 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

[See previous Key Statistics](#)