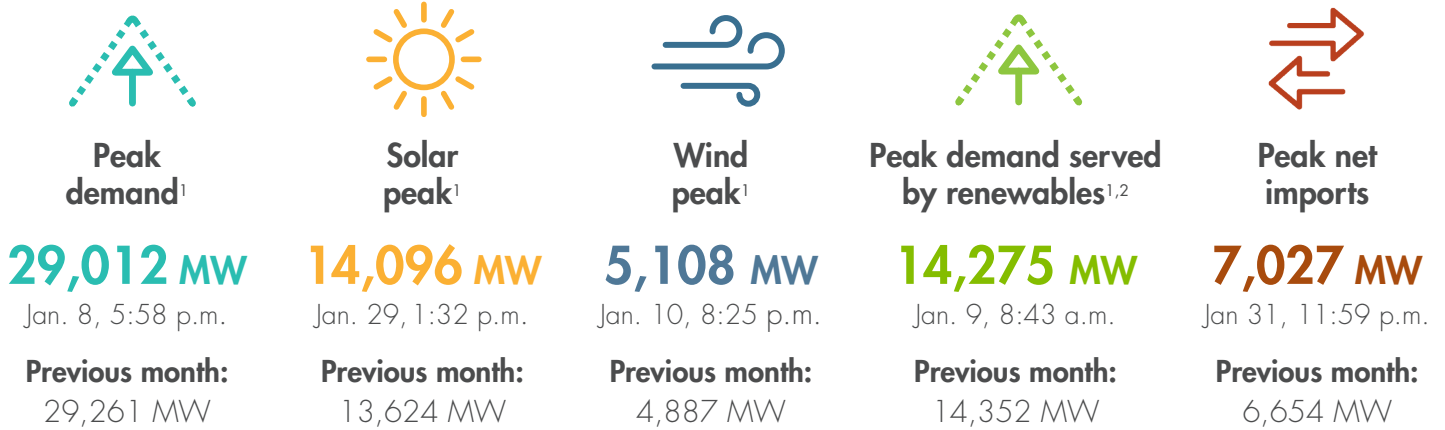

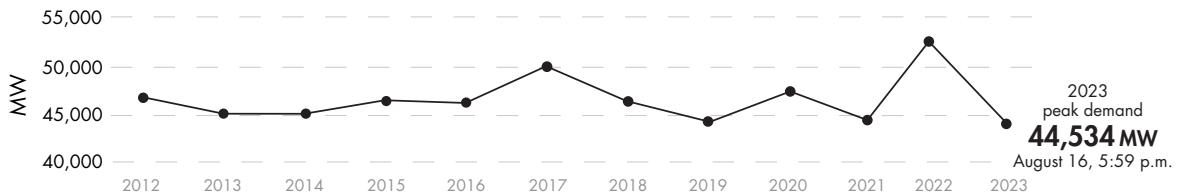


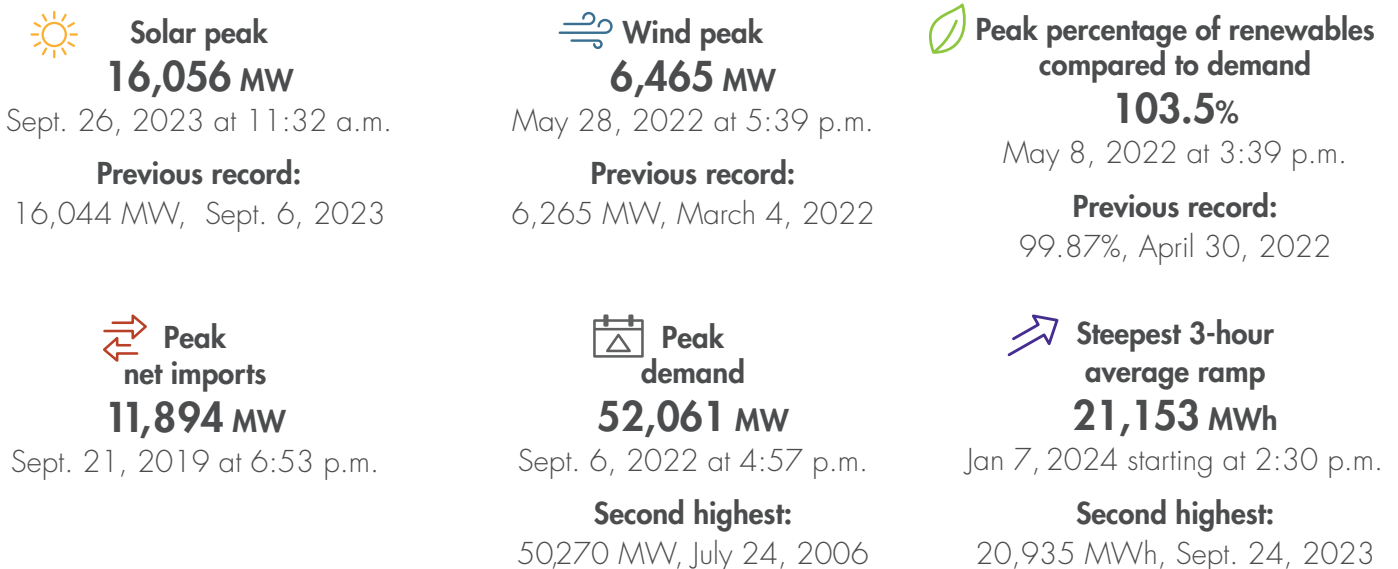
Peaks for January 2024

Annual peak demand
[Peak load history](#)



Historical statistics and records (as of 02/13/2024)



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 2023 [Read report](#)

Benefits
\$391.82 million

Previous quarter:
\$462.05 million

ISO avoided curtailments
49,880 MWh

Previous quarter:
60,133 MWh

ISO GHG savings³
21,349 MTCO₂

Previous quarter:
25,728 MTCO₂

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

Benefits
\$5.05 billion

Active participants
22

ISO avoided curtailments
2,162,730 MWh

Future participants
1

ISO GHG savings³
925,568 MTCO₂

Number of states
11

Resources



Resource adequacy net qualifying capacity (NQC) = **47,674 MW**

As of 02/01/24. Does not include current outages.

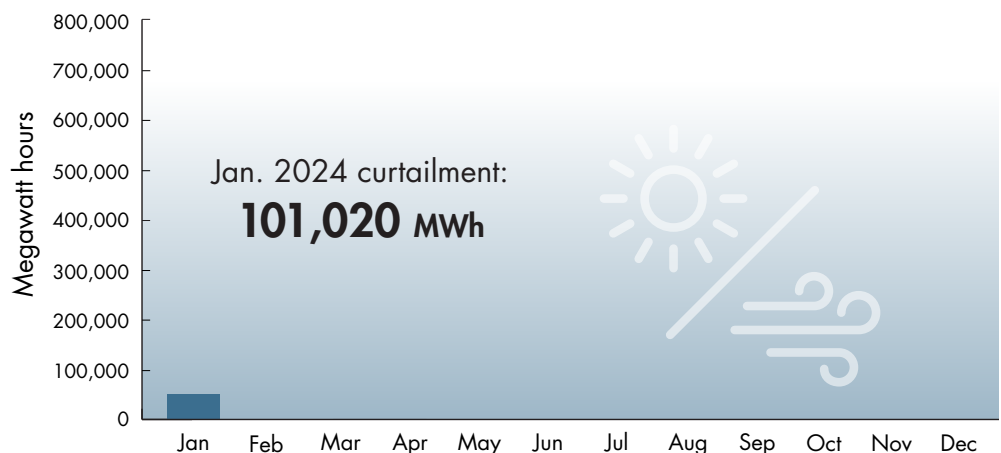


Installed battery capacity⁴ = **7,261 MW**

As of 02/07/24; subject to change.

Wind and solar curtailment totals

For more on oversupply, [visit here](#).

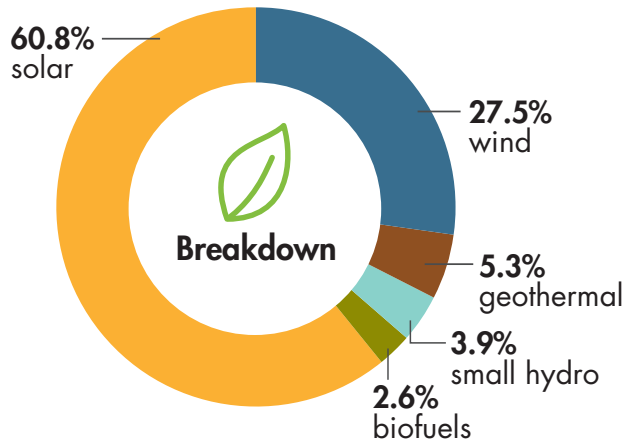


³ The GHG emission reduction is associated with the avoided curtailment only.

⁴ Includes storage resources that have achieved commercial operation date, and does not include pumped storage.



Installed renewable resources *(as of 02/01/2024)*



	Megawatts
Solar	18,517
Wind	8,358
Geothermal	1,610
Small hydro	1,180
Biofuels	778
TOTAL	30,443

[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
- 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)
- 239.1 million megawatt-hours of load served (2022)
- 243.1 million megawatts of total electricity delivered (2022)
- 36,689 average market transactions per day (2022)
- 21 participating transmission owners
- ~26,000 circuit miles of transmission
- 308 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

[See the 2023 Annual Statistics](#)

[See previous Key Statistics](#)