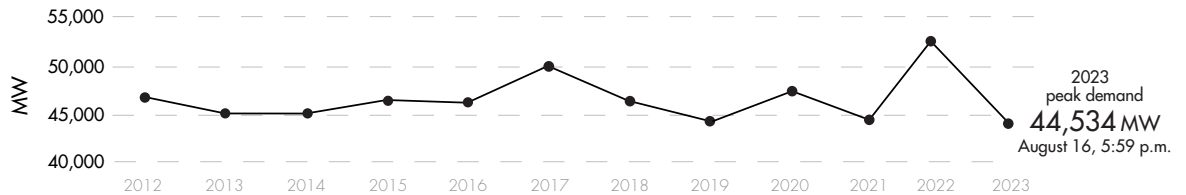
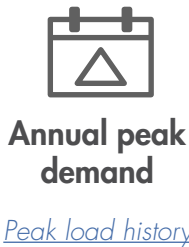
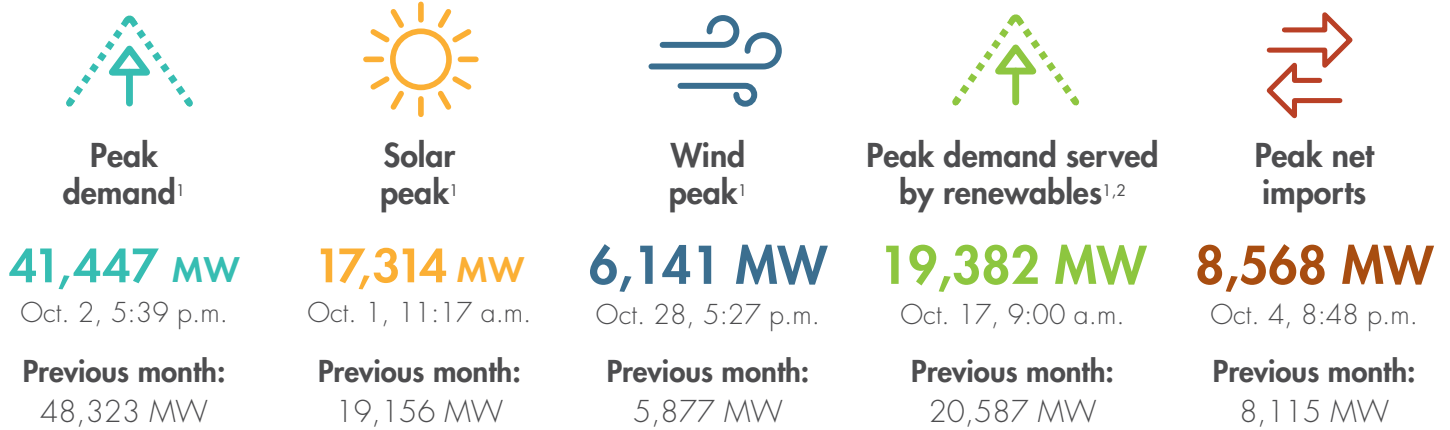
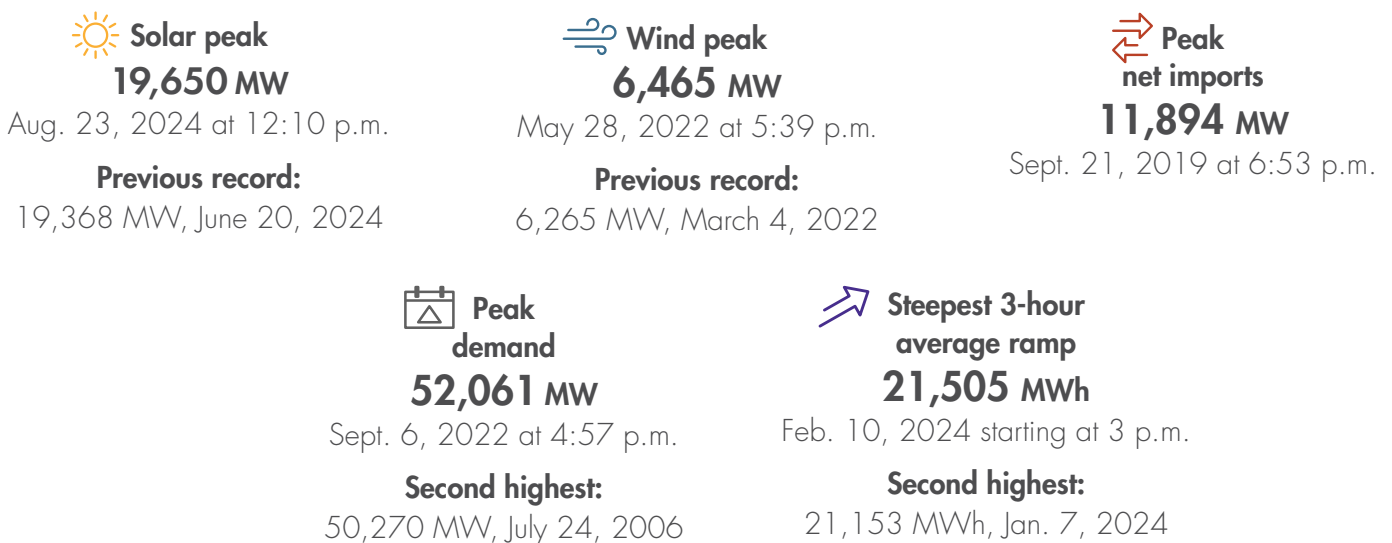


Peaks for October 2024



Historical statistics and records (as of 10/04/2024)



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: Q3 2024 [Read report](#)

Benefits
\$394.88 million

Previous quarter:
\$365.04 million

ISO avoided curtailments
53,049 MWh

Previous quarter:
130,656 MWh

ISO GHG savings³
22,705 MTCO₂

Previous quarter:
55,921 MTCO₂

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

Benefits
\$6.25 billion

Active participants
22

ISO avoided curtailments
2,406,720 MWh

Future participants
2

ISO GHG savings³
1,029,996 MTCO₂

Number of states
11

Resources



Resource adequacy net qualifying capacity (NQC) = **51,174 MW**

As of 11/04/24. Does not include current outages.

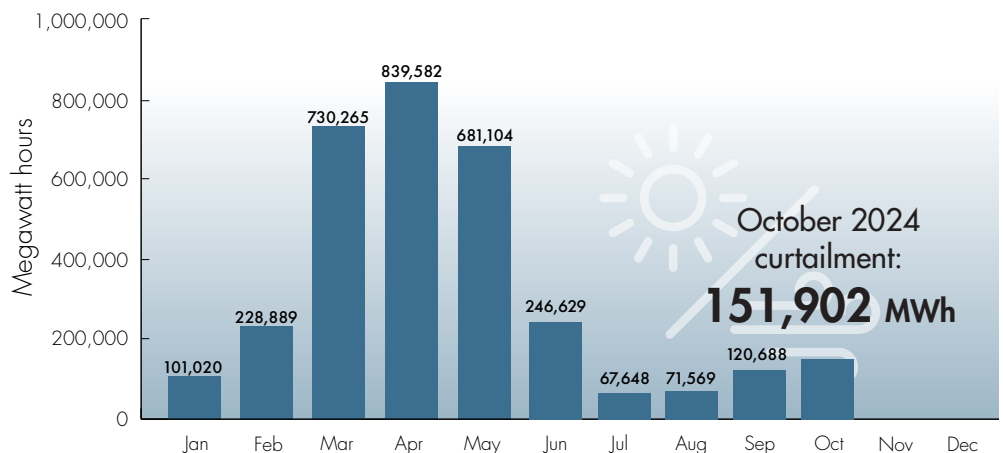


Installed battery capacity⁴
10,522 MW

As of 11/01/24; subject to change.

Wind and solar curtailment totals

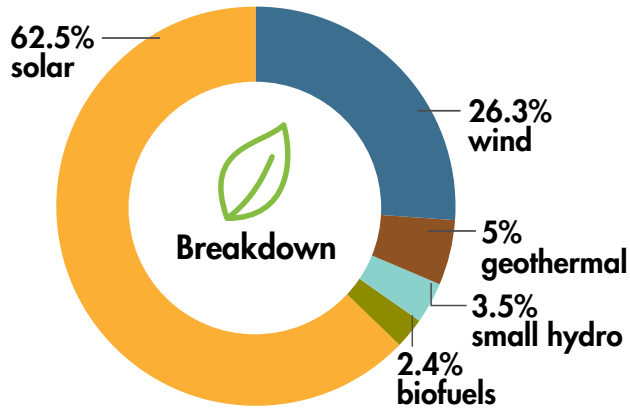
[Learn about curtailment and managing the evolving grid.](#)








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 11/07/2024)*



	Megawatts
 Solar	19,853
 Wind	8,350
 Geothermal	1,610
 Small hydro	1,141
 Biofuels	778
TOTAL	31,732

[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)
- 23 participating transmission owners
- ~26,000 circuit miles of transmission
- 331 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](#)