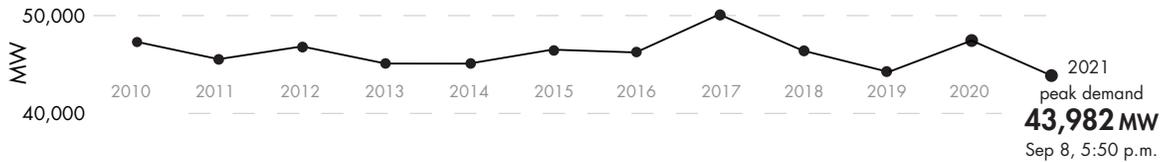
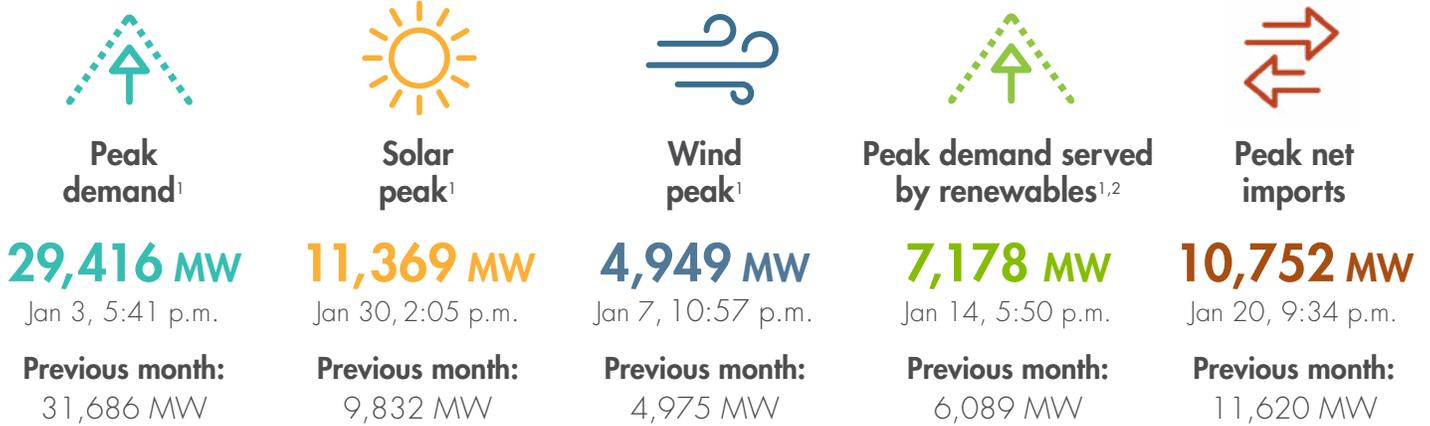
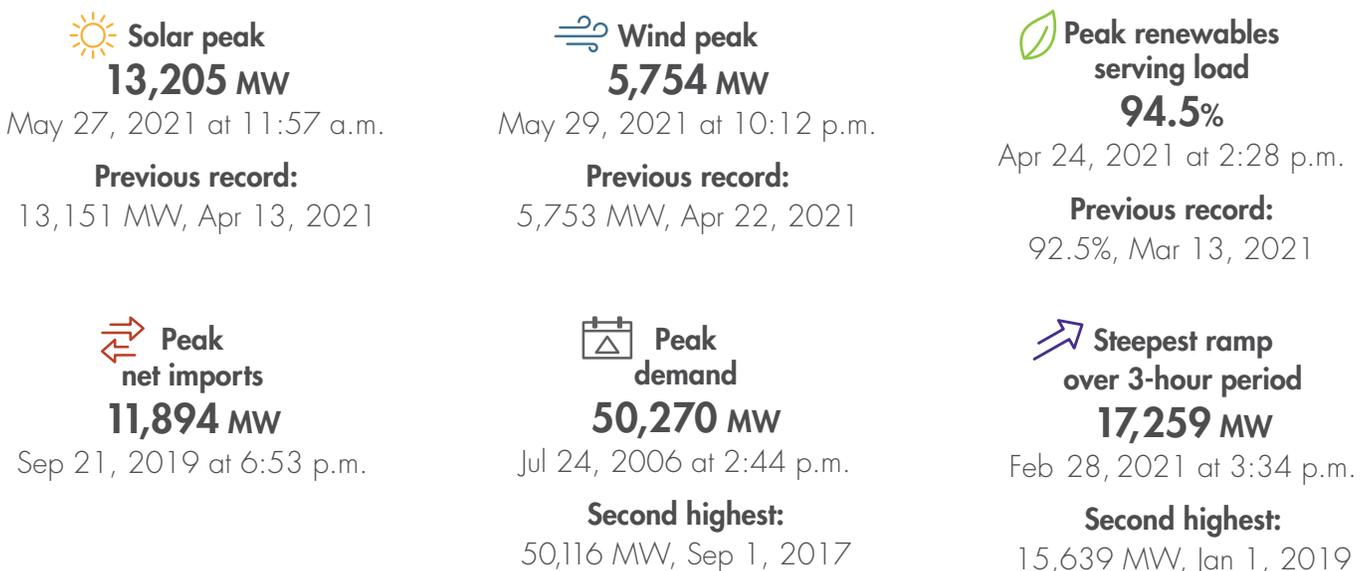


Peaks for January 2022



[Peak load history](#)

Historical statistics and records (as of 02/01/2022)



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 2021 [Read report](#)

Benefits
\$204 million
 Previous quarter:
 \$301 million

ISO avoided curtailments
38,044 MWh
 Previous quarter:
 23,042 MWh

ISO GHG savings³
16,283 MTCO₂
 Previous quarter:
 9,862 MTCO₂

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

Benefits
\$1.93 billion

ISO avoided curtailments
1,570,200 MWh

ISO GHG savings³
671,966 MTCO₂

Active participants
15

Future participants
7

Number of states
10

Resources *(as of 02/01/2022)*



Resource adequacy net qualifying capacity (NQC) = **43,022 MW**
Does not include current outages



Installed battery capacity⁴
2,607 MW

Wind and solar curtailment totals

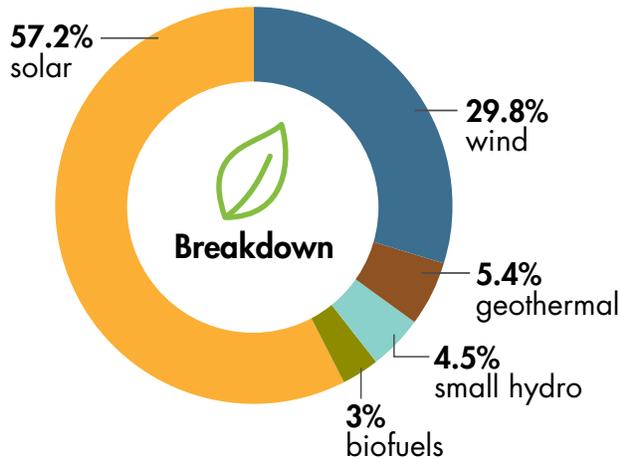
For more on oversupply, [visit here](#).



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

⁴ Does not include pumped storage

Installed renewable resources *(as of 02/01/2022)*



	Megawatts
 Solar	15,034
 Wind	7,844
 Geothermal	1,428
 Small hydro	1,177
 Biofuels	799
TOTAL	26,282

[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)
- 224.8 million megawatt-hours of load served (2020)
- 33,617 market transactions per day (2020)
- 21 participating transmission owners
- ~26,000 circuit miles of transmission
- 255 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

[See previous Key Statistics](#)