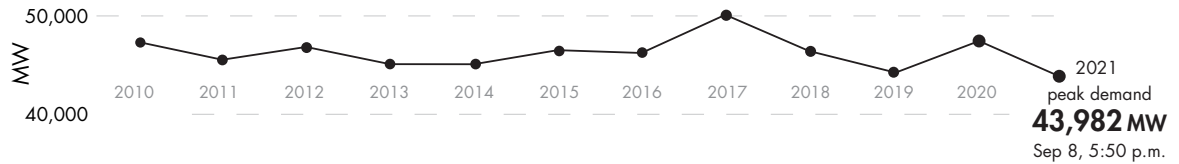
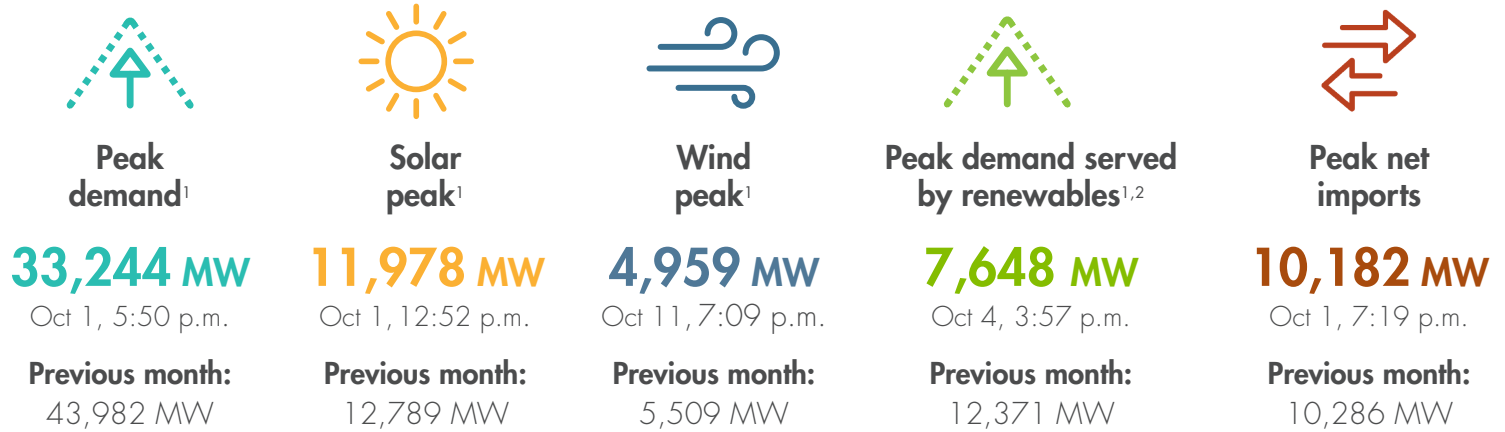
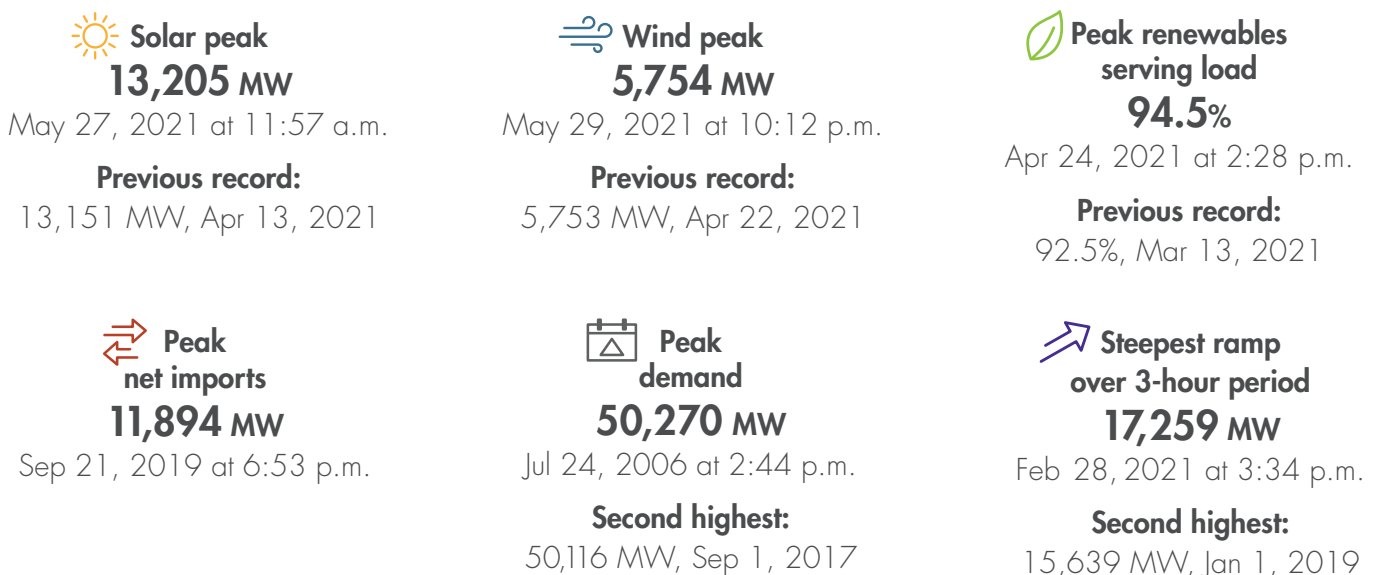


Peaks for October 2021



[Peak load history](#)

Historical statistics and records (as of 11/01/2021)



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 EIM benefits: Q3 2021 [Read report](#)

Benefits
\$301 million
 Previous quarter:
 \$132.7 million

ISO avoided curtailments
23,042 MWh
 Previous quarter:
 109,059 MWh

ISO GHG savings³
9,862 MTCO₂
 Previous quarter:
 46,677 MTCO₂

Western EIM benefits since 2014 [Visit Western EIM](#)

Benefits
\$1.72 billion

ISO avoided curtailments
1,532,156 MWh

ISO GHG savings³
655,683 MTCO₂

Active participants
15

Future participants
7

Number of states
10

Resources *(as of 11/01/2021)*



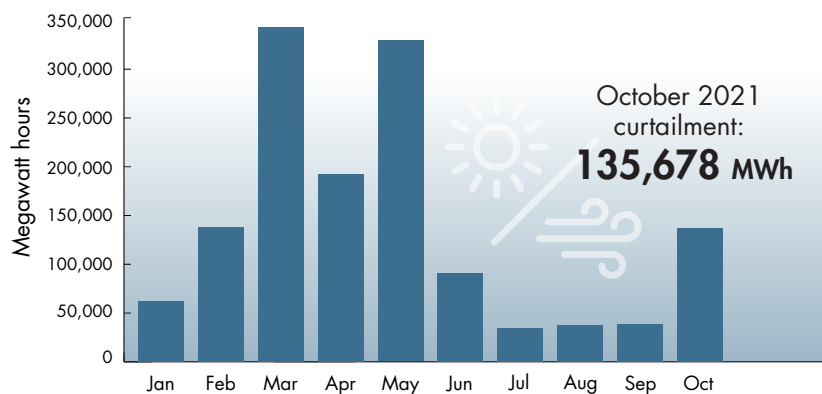
Resource adequacy net qualifying capacity (NQC) = **42,019 MW**
Does not include current outages



Installed battery capacity⁴ = **2,098 MW**
3,000 MW total storage capacity projected by year end

Wind and solar curtailment totals

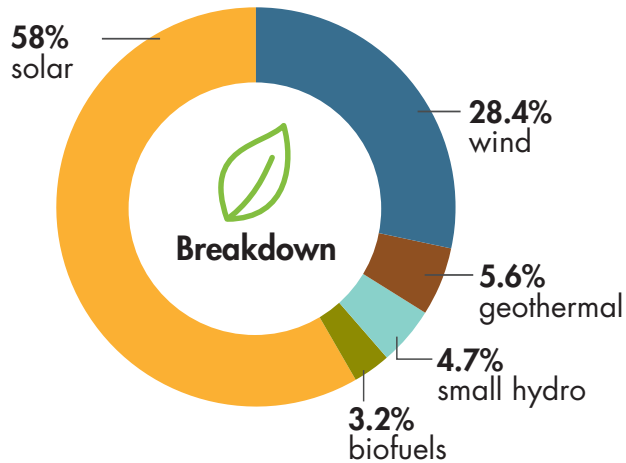
For more on oversupply, [visit here](#).








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

⁴ Does not include pumped storage

Installed renewable resources *(as of 11/01/2021)*



	Megawatts
 Solar	14,731
 Wind	7,214
 Geothermal	1,411
 Small hydro	1,203
 Biofuels	818
TOTAL	25,377

[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
- 257 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

[See previous Key Statistics](#)