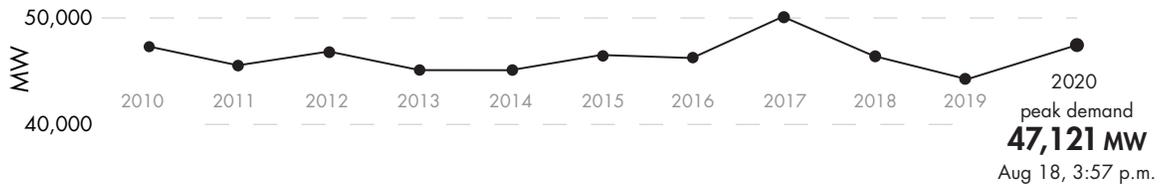
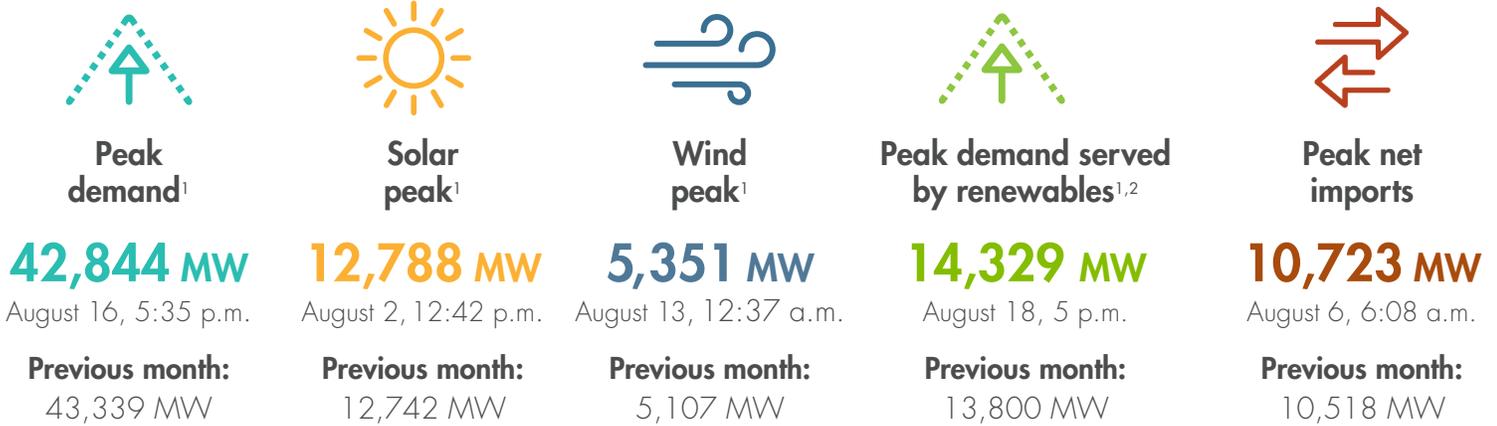
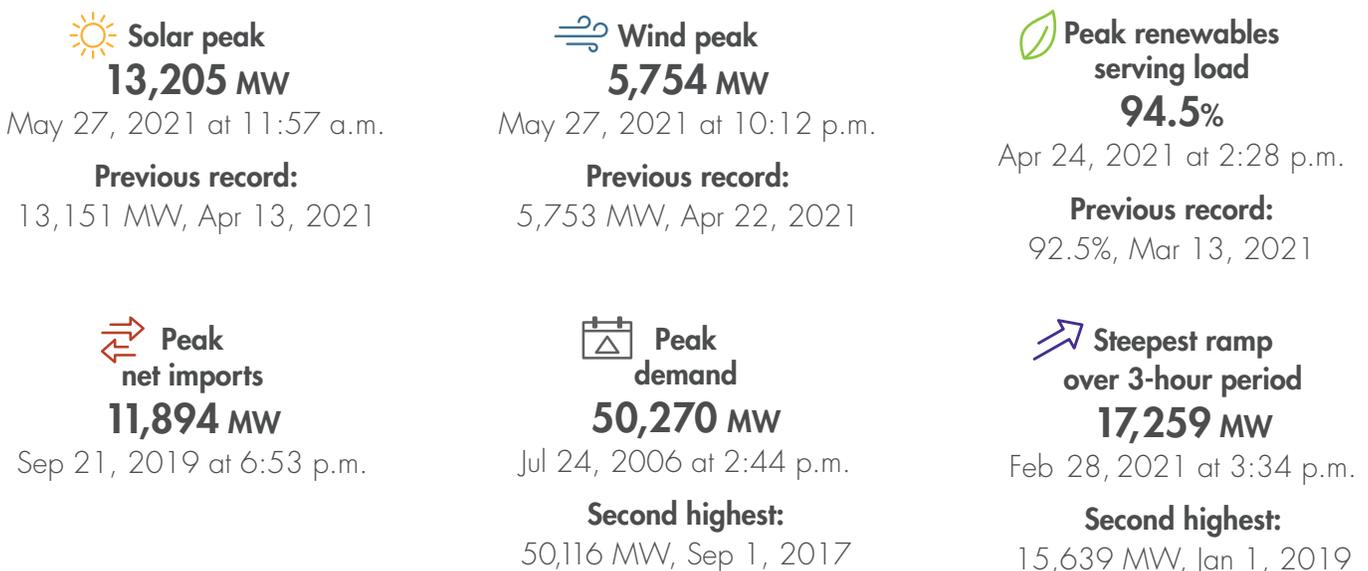


Peaks for August 2021



[Peak load history](#)

Historical statistics and records (as of 9/01/2021)



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: Q2 2021 [Read report](#)

Benefits
\$132.7 million
 Previous quarter:
 \$101 million

ISO avoided curtailments
109,059 MWh
 Previous quarter:
 76,147 MWh

ISO GHG savings³
46,677 MTCO₂
 Previous quarter:
 32,591 MTCO₂

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

Benefits
\$1.42 billion

ISO avoided curtailments
1,509,114 MWh

ISO GHG savings³
645,821 MTCO₂

Active participants
15

Future participants
6

Number of states
10

Resources *(as of 9/01/2021)*



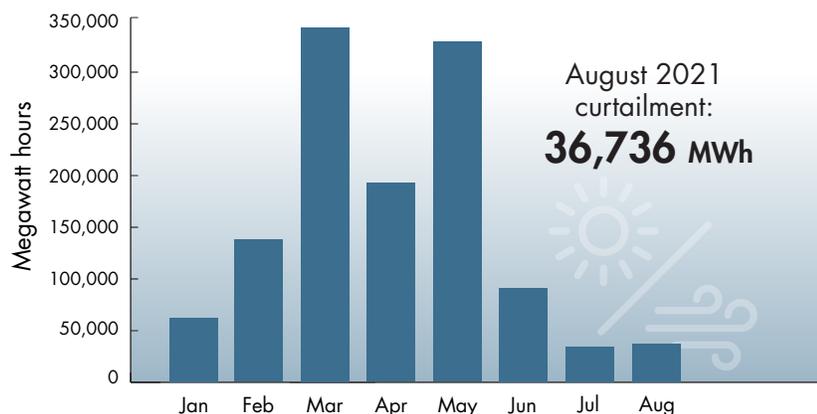
Resource adequacy net qualifying capacity (NQC) = **47,327 MW**
Does not include current outages



Installed storage capacity
1,500 MW
3,000 MW total storage capacity projected by year end

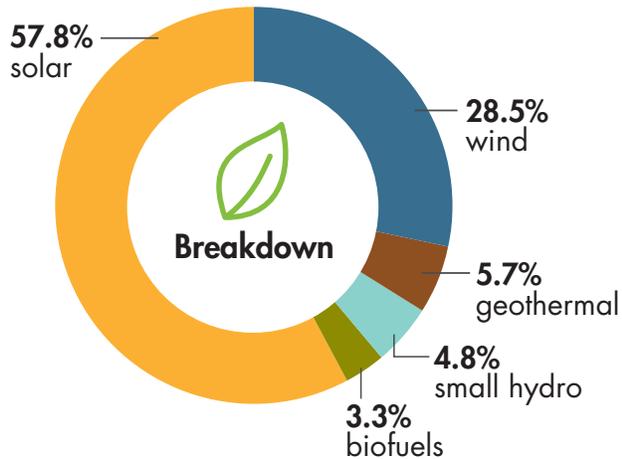
Wind and solar curtailment totals

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



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

Installed renewable resources *(as of 9/01/2021)*



	Megawatts
 Solar	14,376
 Wind	7,088
 Geothermal	1,411
 Small hydro	1,186
 Biofuels	816
TOTAL	24,877

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

[See previous Key Statistics](#)