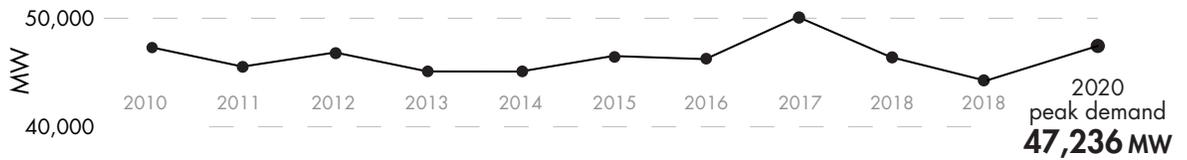
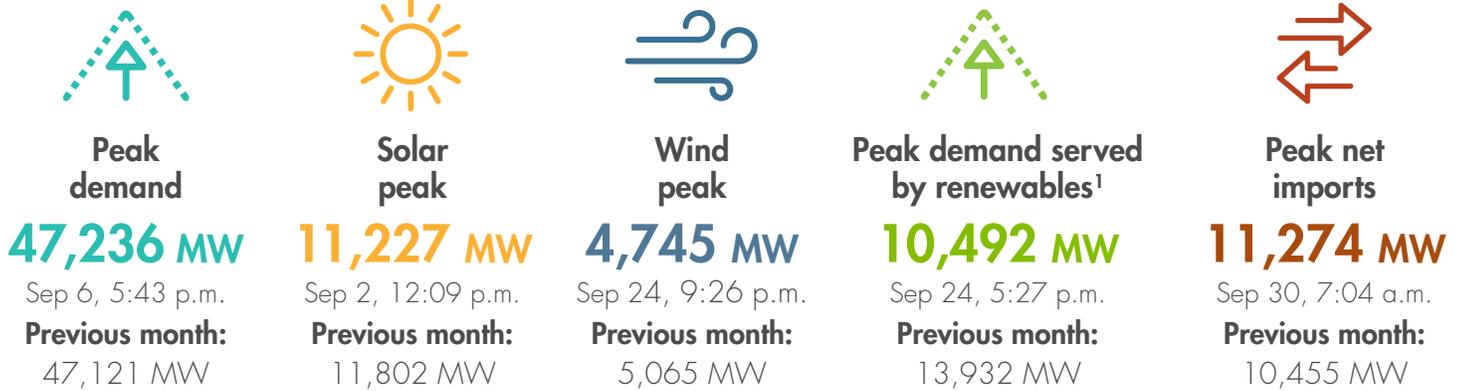


Peaks for September 2020



[Peak load history](#)

Historical statistics and records (as of 10/01/2020)

 **Solar peak**
12,016 MW
Jun 29, 2020 at 12:32 p.m.
Previous record:
11,932 MW, Jun 17, 2020

 **Wind peak**
5,309 MW
May 8, 2019 at 3:21 a.m.
Previous record:
5,193 MW, Jun 8, 2018

 **Renewables serving demand**
80.3%
May 5, 2019 at 2:45 p.m.
Previous record:
78%, Apr 20, 2019

 **Peak net imports**
11,894 MW
Sep 21, 2019 at 6:53 p.m.

 **Peak demand**
50,270 MW
Jul 24, 2006 at 2:44 p.m.
Second highest:
50,116 MW, Sep 1, 2017

 **Steepest ramp over 3-hour period**
15,639 MW
Jan 1, 2019 at 2:25 p.m.

¹ This indicates the highest amount of renewables serving peak electricity demand on any given day.

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

On July 3, benefits reached

\$1 billion

ISO avoided curtailments

1.24 million MWh

ISO GHG savings*

533,381 MTCO₂

Active participants

11

Future participants

10

Number of states

8

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

Resources *(as of 10/01/2020)*



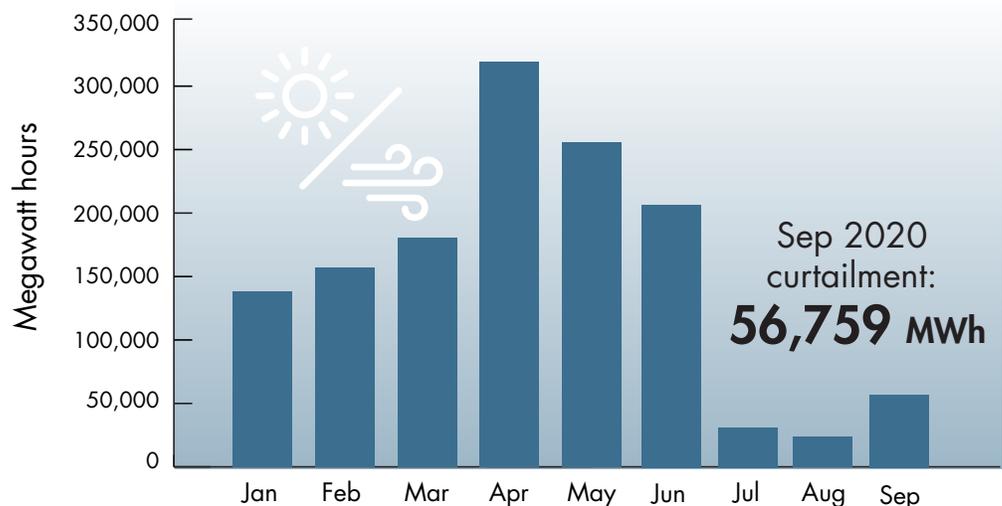
Resource adequacy net qualifying capacity (NQC) = **46,947 MW**
Does not include current outages



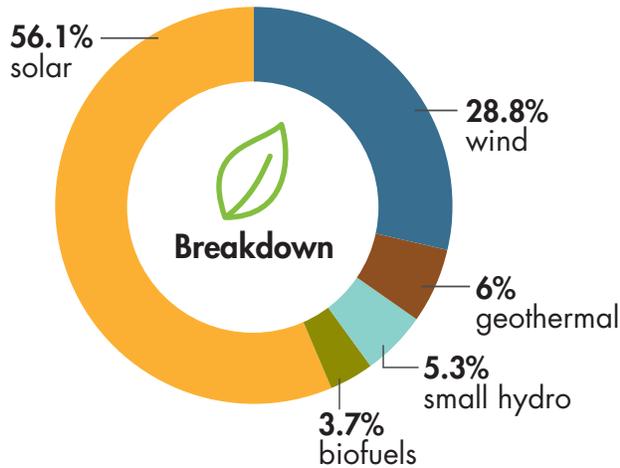
Installed storage capacity
464.14 MW

Wind and solar curtailment totals

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



Installed renewable resources *(as of 10/01/2020)*



	Megawatts
 Solar	12,934
 Wind	6,641
 Geothermal	1,387
 Small hydro	1,231
 Biofuels	843
TOTAL	23,036

[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)
- 20 participating transmission owners
- ~26,000 circuit miles of transmission
- 251 market participants
- Western EIM has 11 active participants serving customers in eight states and 10 future participants slated to enter the market by 2022
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

[See previous key statistics](#)