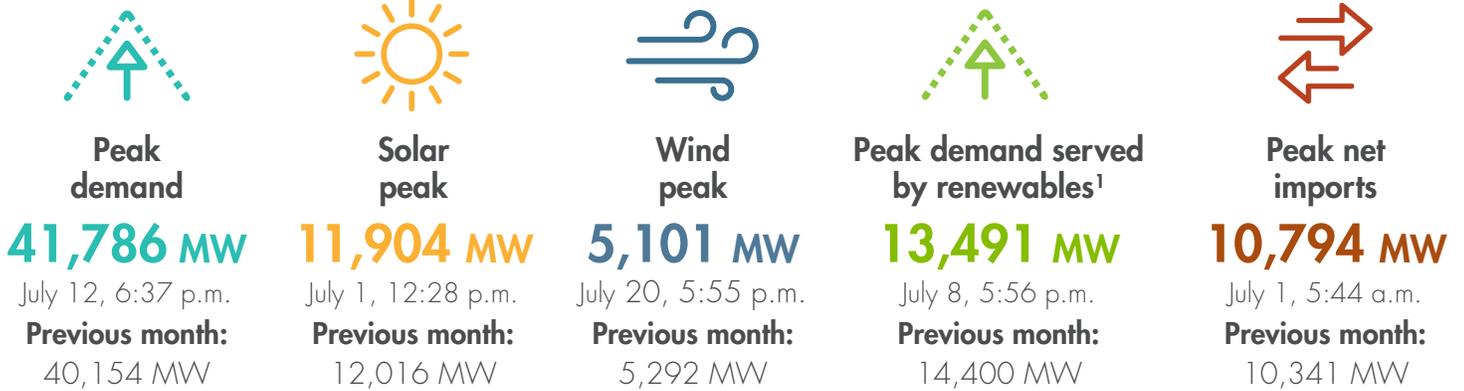
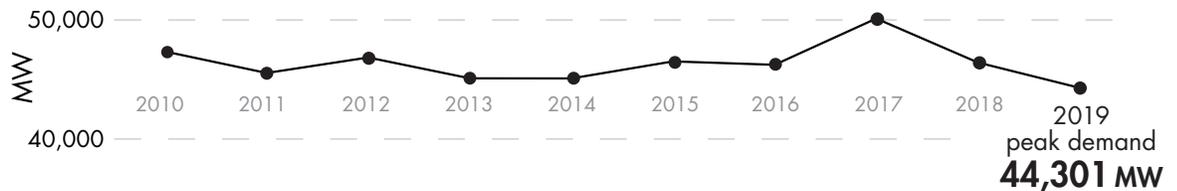


Peaks for July 2020



[Peak load history](#)



Historical statistics and records (as of 8/01/2020)

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

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

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

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

 **Peak demand**
50,270 MW
July 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: Q2 2020 [Read report](#)

Benefits
\$79 million
 Previous quarter:
 \$57.9 million

ISO avoided curtailments
147,514 MWh
 Previous quarter:
 86,740 MWh

ISO GHG savings*
63,136 MTCO₂
 Previous quarter:
 37,125 MTCO₂

Gross 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

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

Resources *(as of 8/01/2020)*



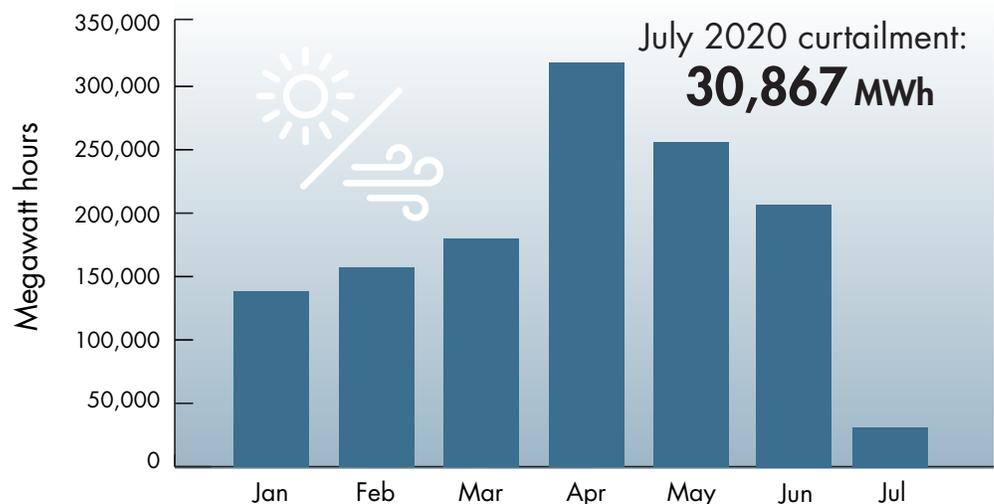
Resource adequacy net qualifying capacity (NQC) = **49,236 MW**
Does not include current outages



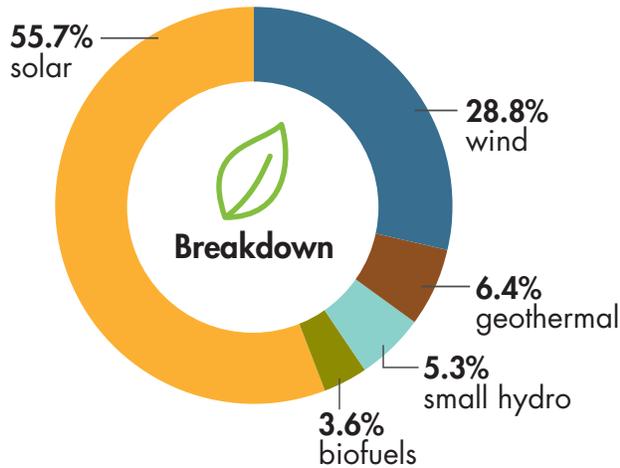
Installed storage capacity
216.14 MW

Wind and solar curtailment totals

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



Installed renewable resources *(as of 8/01/2020)*



	Megawatts
 Solar	13,383
 Wind	6,977
 Geothermal	1,526
 Small hydro	1,274
 Biofuels	856
TOTAL	24,016

[See Today's Outlook](#)

NOTE — Only fully commercial units are counted, not partials or test energy, as reported via the Master Generating File and captured in the Master Control Area Generating Capability List found 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
- 221 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](#)