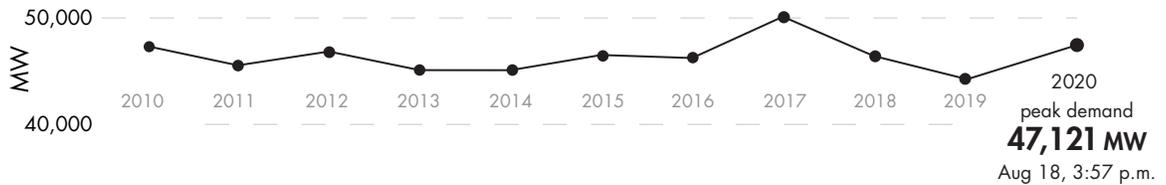
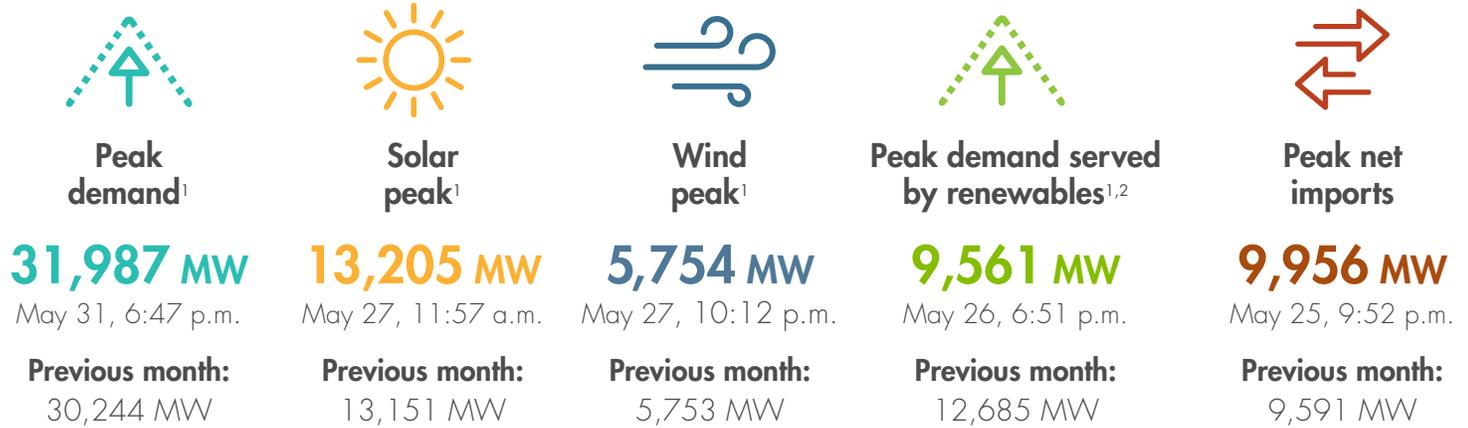


Peaks for May 2021



[Peak load history](#)

Historical statistics and records (as of 6/01/2021)

 **Solar peak *NEW!***
13,205 MW
 May 27, 2021 at 11:57 a.m.
Previous record:
 13,151 MW, Apr 13, 2021

 **Wind peak *NEW!***
5,754 MW
 May 27, 2021 at 10:12 p.m.
Previous record:
 5,753 MW, Apr 22, 2021

 **Peak renewables serving load**
94.5%
 Apr 24, 2021 at 2:28 p.m.
Previous record:
 92.5%, Mar 13, 2021

 **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**
17,259 MW
 Feb 28, 2021 at 3:34 p.m.
Second highest:
 15,639 MW, Jan 1, 2019

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: Q1 2021 [Read report](#)

Benefits
\$101 million
 Previous quarter:
 \$68.86 million

ISO avoided curtailments
76,147 MWh
 Previous quarter:
 39,956 MWh

ISO GHG savings³
32,591 MTCO₂
 Previous quarter:
 17,101 MTCO₂

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

Benefits
\$1.28 billion

ISO avoided curtailments
1.4 GWh

ISO GHG savings³
599,144 MTCO₂

Active participants
14

Future participants
8

Number of states
10

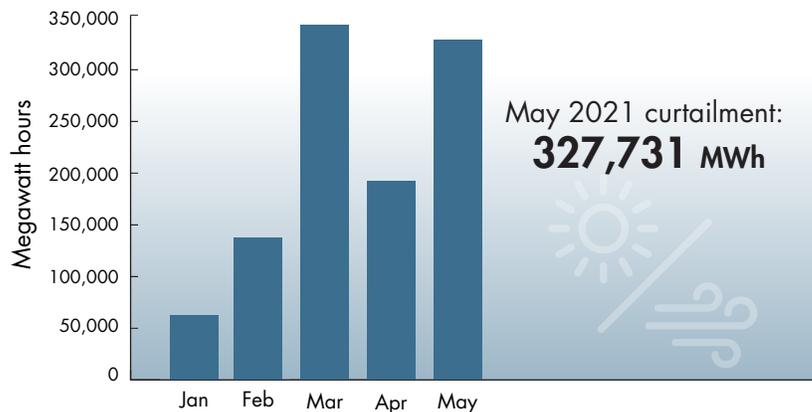
Resources *(as of 6/01/2021)*



Resource adequacy net qualifying capacity (NQC) = **44,536 MW**
Does not include current outages

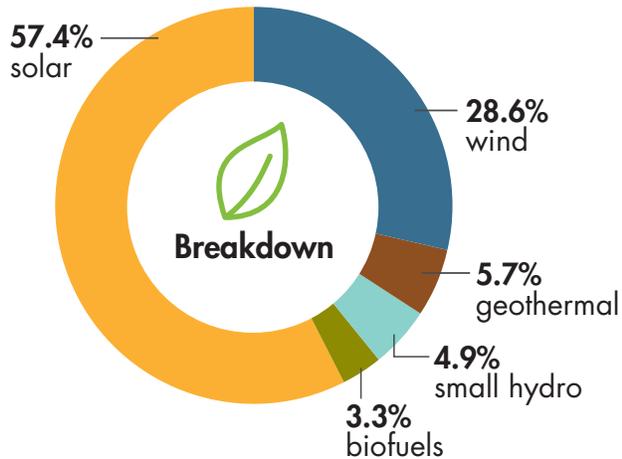
Wind and solar curtailment totals

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



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

Installed renewable resources *(as of 6/01/2021)*



	Megawatts
 Solar	14,106
 Wind	7,037
 Geothermal	1,411
 Small hydro	1,213
 Biofuels	822
TOTAL	24,589

[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)
- 20 participating transmission owners
- ~26,000 circuit miles of transmission
- 258 market participants
- RC West is the reliability coordinator for 41 entities across 10 western states and northern Mexico

[See previous Key Statistics](#)