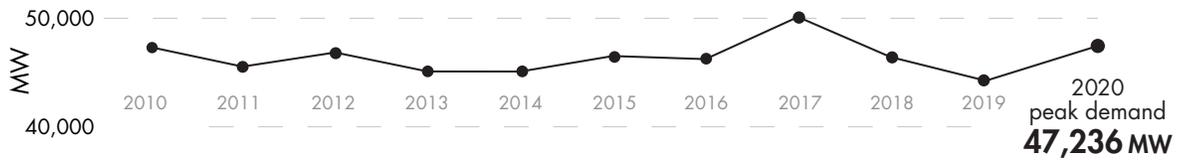
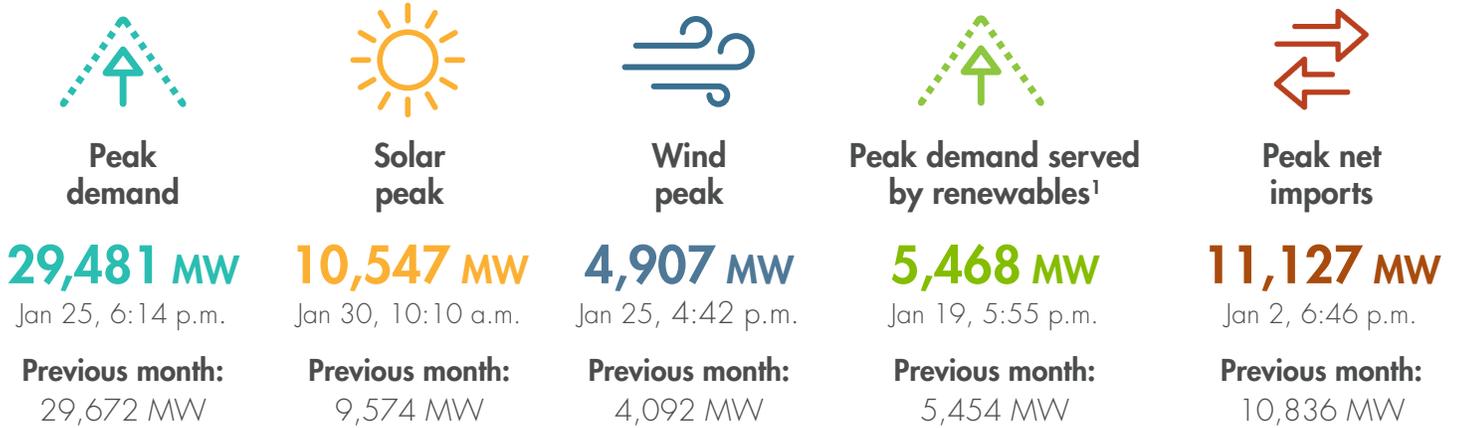


Peaks for January 2021



[Peak load history](#)

Historical statistics and records (as of 2/01/2021)

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

 **Wind peak**
5,318 MW
April 30, 2020 at 5:36 p.m.
Previous record:
5,309 MW, May 8, 2019

 **Renewables serving demand**
81.88%
May 2, 2020 at 1:40 p.m.
Previous record:
80.3%, May 5, 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.

KEY STATISTICS

Western EIM benefits: Q4 2020 [Read report](#)

Benefits
\$68.86 million
 Previous quarter:
 \$119.3 million

ISO avoided curtailments
39,956 MWh
 Previous quarter:
 37,548 MWh

ISO GHG savings*
17,101 MTCO₂
 Previous quarter:
 16,071 MTCO₂

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

Benefits
\$1.18 billion

ISO avoided curtailments
1.3 GWh

ISO GHG savings*
586,553 MTCO₂

Active participants
11

Future participants
11

Number of states
8

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

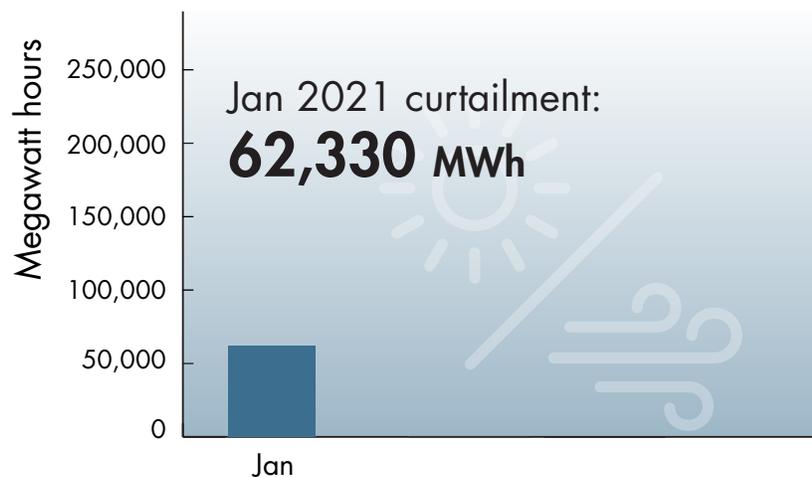
Resources *(as of 2/01/2021)*



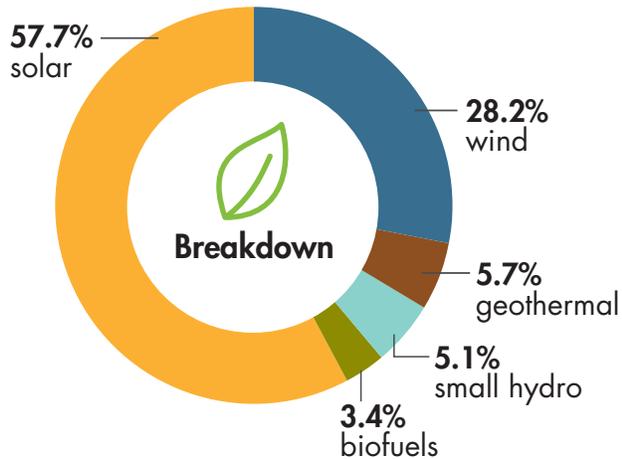
Resource adequacy net qualifying capacity (NQC) = **42,657 MW**
Does not include current outages

Wind and solar curtailment totals

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



Installed renewable resources *(as of 2/01/2021)*



	Megawatts
 Solar	14,116
 Wind	6,890
 Geothermal	1,389
 Small hydro	1,235
 Biofuels	822
TOTAL	24,452

[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
- 258 market participants
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

[See previous key statistics](#)