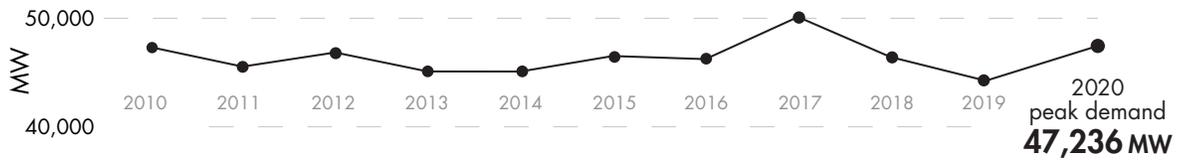
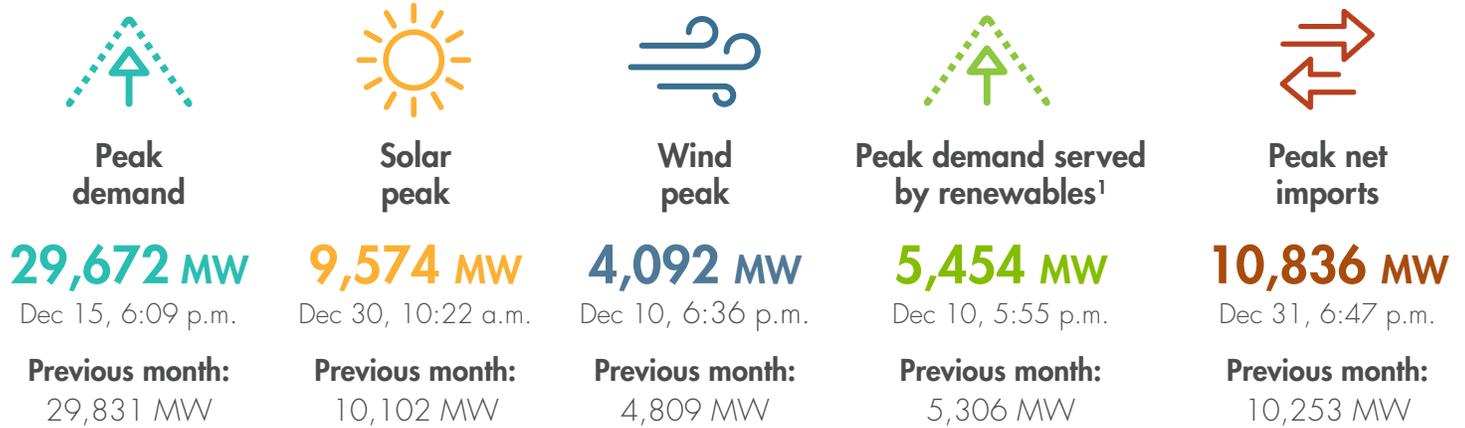


### Peaks for December 2020



[Peak load history](#)

### Historical statistics and records *(as of 1/01/2021)*


**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.

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

## KEY STATISTICS

Western EIM benefits: Q3 2020 [Read report](#)

Benefits  
**\$119.3 million**  
 Previous quarter:  
 \$79 million

ISO avoided curtailments  
**37,548 MWh**  
 Previous quarter:  
 147,514 MWh

ISO GHG savings\*  
**16,071 MTCO<sub>2</sub>**  
 Previous quarter:  
 63,136 MTCO<sub>2</sub>

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

Benefits  
**\$1.11 billion**

ISO avoided curtailments  
**1,283,952 MWh**

ISO GHG savings\*  
**549,452 MTCO<sub>2</sub>**

Active participants  
**11**

Future participants  
**11**

Number of states  
**8**

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

## Resources *(as of 1/01/2021)*



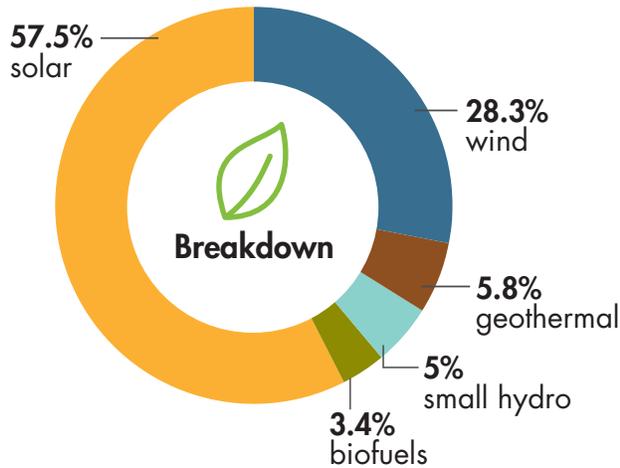
Resource adequacy net qualifying capacity (NQC) = **45,771 MW**  
*Does not include current outages*

## Wind and solar curtailment totals

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



### Installed renewable resources *(as of 1/01/2021)*



	Megawatts
 Solar	14,066
 Wind	6,933
 Geothermal	1,421
 Small hydro	1,232
 Biofuels	822
<b>TOTAL</b>	<b>24,474</b>

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

[See previous key statistics](#)