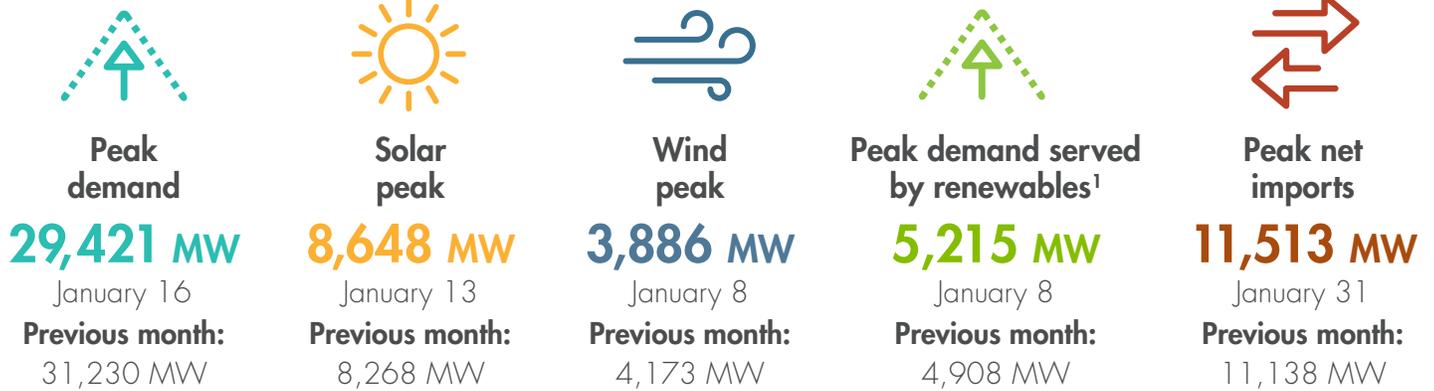
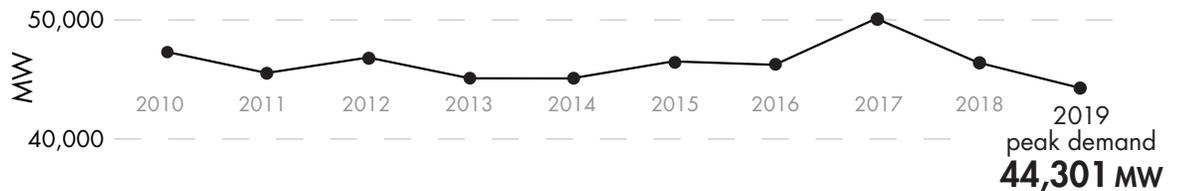


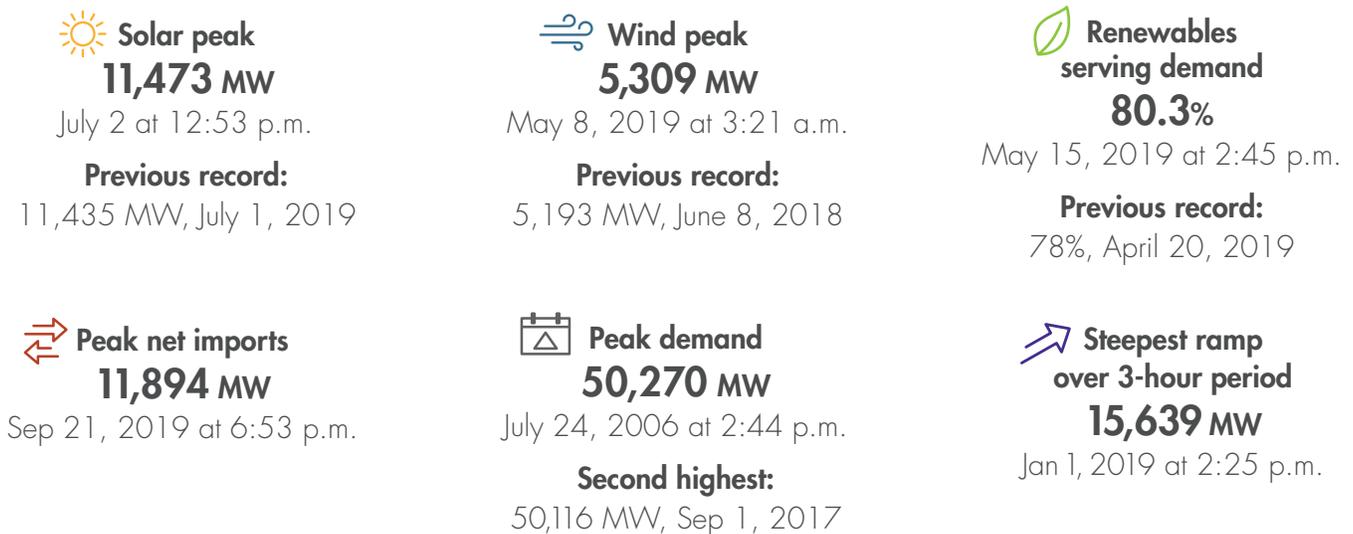
Peaks for January 2020



[Peak load history](#)



Historical statistics and records



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

Western EIM benefits: Q4 2019 [Read report](#)

Benefits
\$60.72 million

Previous quarter:
\$64.81 million

ISO avoided curtailments
35,254 MWh

Previous quarter:
33,843 MWh

ISO GHG savings*
15,089 MTCO₂

Previous quarter:
14,485 MTCO₂

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

Benefits
\$861.79 million

ISO avoided curtailments
1,012,150 MWh

ISO GHG savings*
433,120 MTCO₂

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

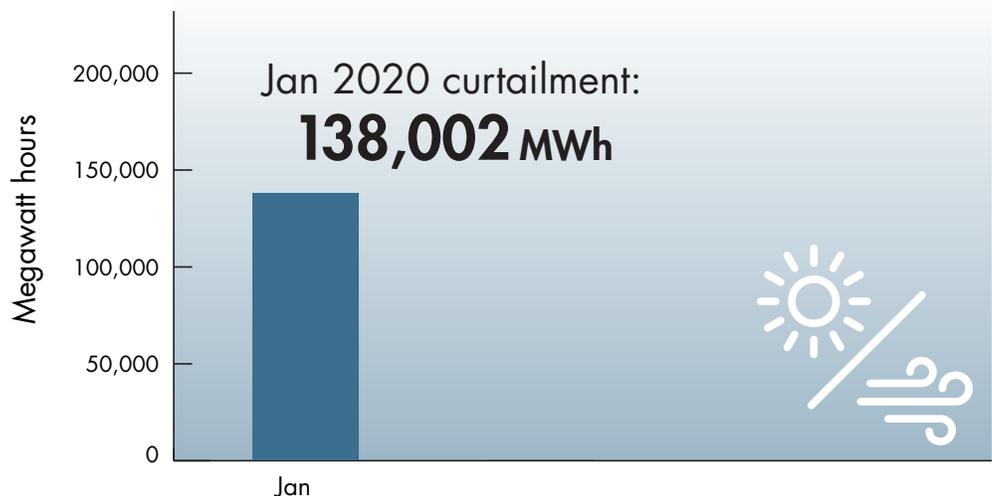


Resources *(as of 2/01/2020)*

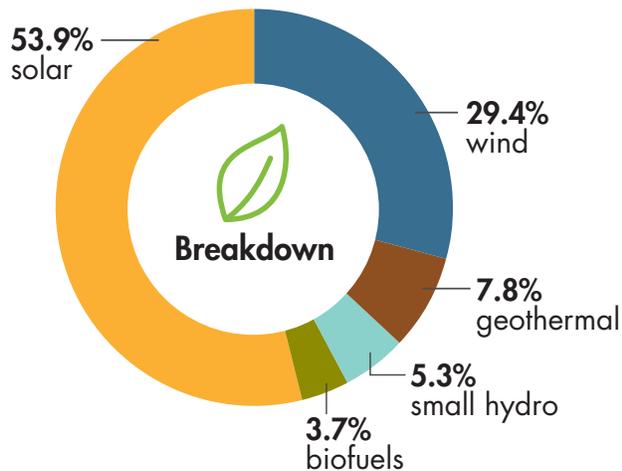
Resource adequacy net qualifying capacity (NQC) = **43,713 MW**
Does not include current outages

Wind and solar curtailment totals

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



Installed renewable resources *(as of 2/01/2020)*



	Megawatts
 Solar	12,697
 Wind	6,927
 Geothermal	1,838
 Small hydro	1,244
 Biofuels	862
TOTAL	23,568

[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
- Total estimated wholesale cost of serving demand in 2018 = \$10.8 billion or about \$50/MWh²
- Total estimated wholesale cost of serving demand in 2017 = \$9.4 billion or about \$42/MWh²
- 1 MW serves about 750-1,000 homes (1 MWh = 1 million watts used for one hour)
- 18 participating transmission owners
- 25,715 (or about 26,000) circuit miles of transmission
- 221 market participants
- 9,696 pricing nodes for ISO & all EIM entities as of Apr. 4, 2018. ISO has 4,119 pricing nodes
- Western EIM has nine active participants serving customers in eight states
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

² Note higher cost mostly due to higher natural gas prices. After normalizing for natural gas prices and greenhouse gas compliance costs, total wholesale energy costs increased by about 4 percent.