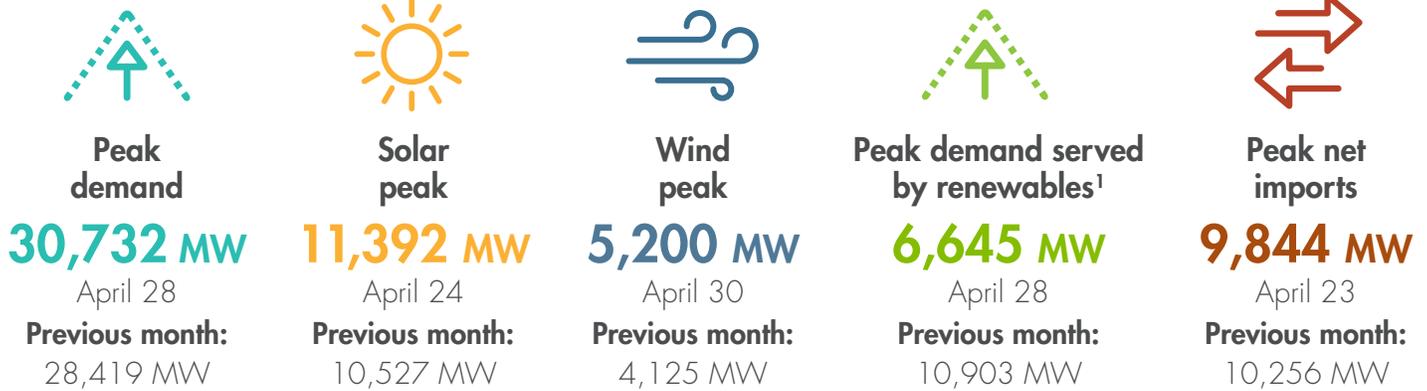
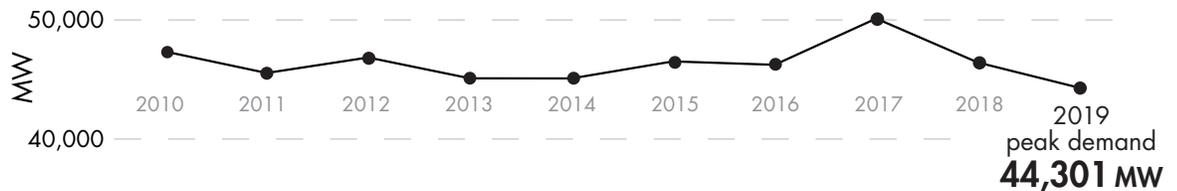


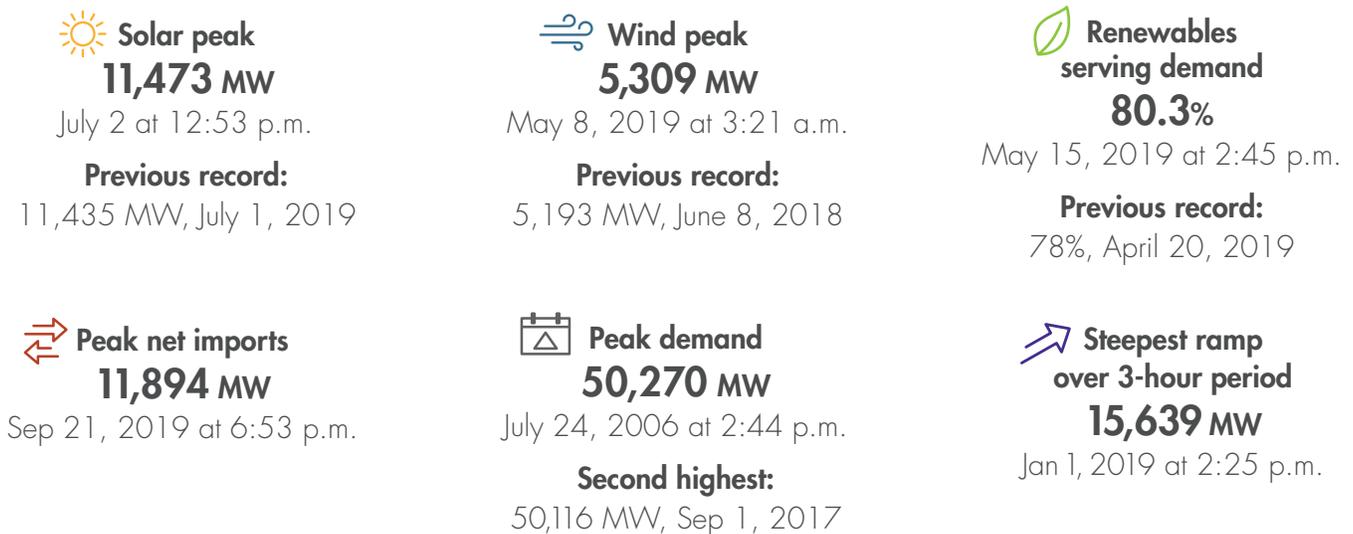
Peaks for April 2020



[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: Q1 2020 [Read report](#)

Benefits
\$57.9 million
 Previous quarter:
 \$60.72 million

ISO avoided curtailments
86,740 MWh
 Previous quarter:
 35,254 MWh

ISO GHG savings*
37,125 MTCO₂
 Previous quarter:
 15,089 MTCO₂

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

Benefits
\$919.69 million

ISO avoided curtailments
1,098,890 MWh

ISO GHG savings*
470,245 MTCO₂

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

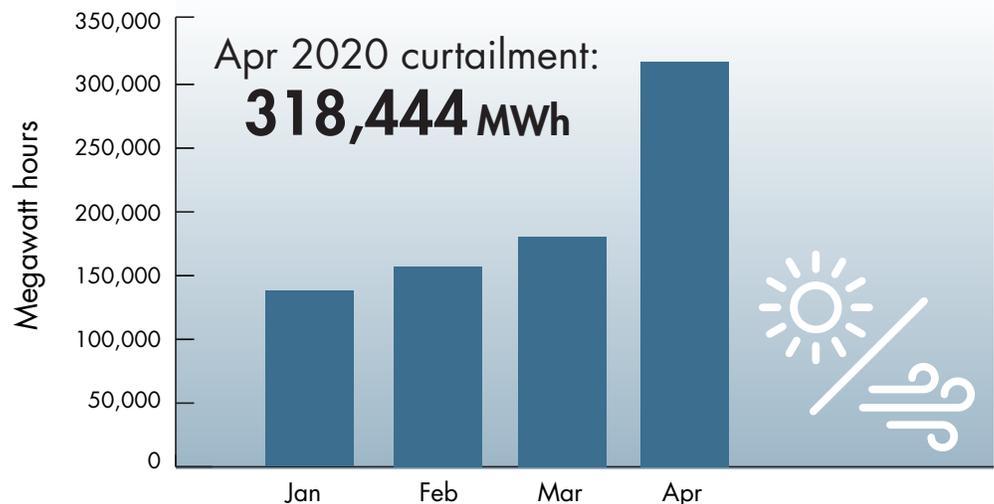


Resources *(as of 5/01/2020)*

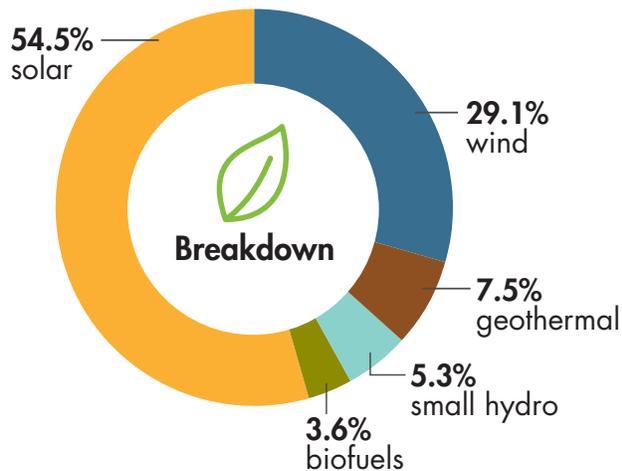
Resource adequacy net qualifying capacity (NQC) = **46,889 MW**
Does not include current outages

Wind and solar curtailment totals

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



Installed renewable resources *(as of 5/01/2020)*



	Megawatts
 Solar	12,875
 Wind	6,866
 Geothermal	1,779
 Small hydro	1,258
 Biofuels	856
TOTAL	23,634

[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
- ~26,000 circuit miles of transmission
- 221 market participants
- Western EIM has eleven active participants serving customers in eight states
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

[See previous key statistics](#)

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.