California ISO

KEY STATISTICS

Peaks for June 2020

Peak demand
40,154 MW
June 3, 5:51 p.m.
Previous month:
37,994 MW

Solar peak
12,016 MW
June 29, 12:32 p.m.
Previous month:
11,807 MW

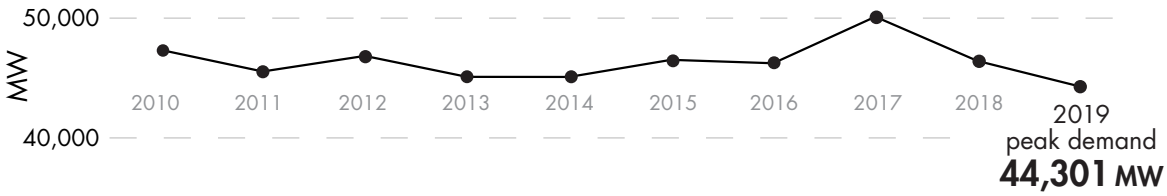
Wind peak
5,292 MW
June 12, 7:01 p.m.
Previous month:
5,065 MW

Peak demand served by renewables[1]
14,400 MW
June 25, 4:38 p.m.
Previous month:
11,301 MW

Peak net imports
10,341 MW
June 26, 6:07 a.m.
Previous month:
11,366 MW

Annual peak demand

[Peak load history]



Historical statistics and records *(as of 7/01/2020)*

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

Wind peak
5,309 MW
May 8, 2019 at 3:21 a.m.
Previous record:
5,193 MW, June 8, 2018

Renewables serving demand
80.3%
May 5, 2019 at 2:45 p.m.
Previous record:
78%, April 20, 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.

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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 $MTCO_2$
Previous quarter:
15,089 $MTCO_2$

Gross benefits since 2014 *Visit Western EIM*

Benefits
$919.69 million

ISO avoided curtailments
1,098,890 MWh

ISO GHG savings*
470,245 $MTCO_2$

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

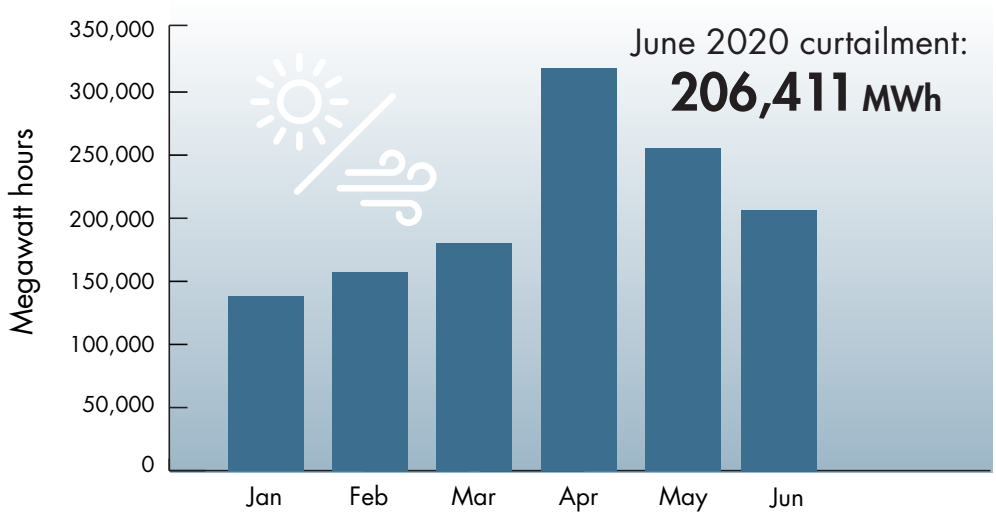
Resources *(as of 7/01/2020)*

Resource adequacy net qualifying capacity (NQC) = 50,133 MW
Does not include current outages

Installed storage capacity
216.14 MW

Wind and solar curtailment totals

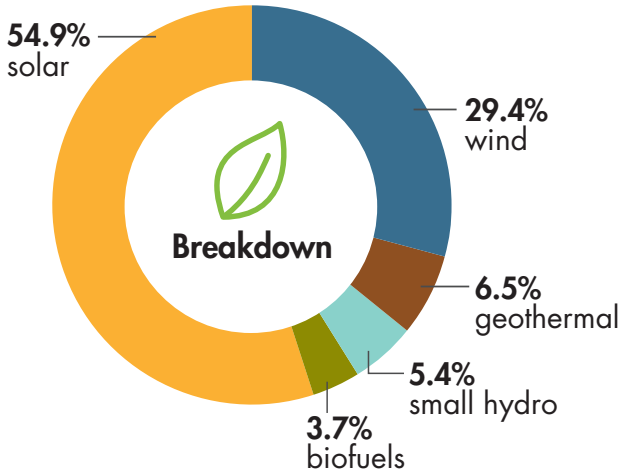
For more on oversupply, visit here.



California ISO

KEY STATISTICS

Installed renewable resources *(as of 7/01/2020)*



	Megawatts
Solar	12,875
Wind	6,915
Geothermal	1,526
Small hydro	1,274
Biofuels	858
TOTAL	**23,448**

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
- 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
- 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