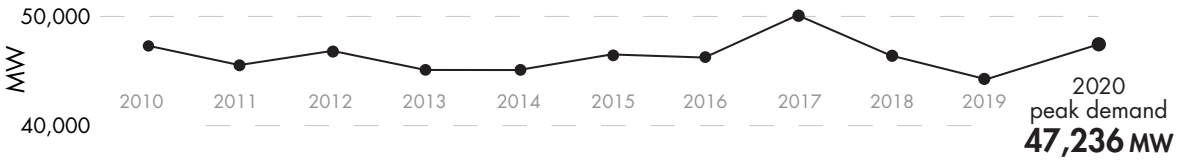
California ISO

KEY STATISTICS

Peaks for February 2021

Peak demand*	Solar peak*	Wind peak*	Peak demand served by renewables* **	Peak net imports
27,441 MW	**12,106 MW**	**5,040 MW**	**6,398 MW**	**10,084 MW**
Feb 9, 6:27 p.m.	Feb 25, 12:37 p.m.	Feb 24, 7:16 p.m.	Feb 24, 6:24 p.m.	Feb 2, 7:04 a.m.
Previous month: 29,481 MW	**Previous month:** 10,547 MW	**Previous month:** 4,907 MW	**Previous month:** 5,468 MW	**Previous month:** 11,127 MW

Annual peak demand



Peak load history

Historical statistics and records *(as of 3/01/2021)*

Solar peak *NEW!*
12,335 MW
March 1, 2021 at 2:04 p.m.
Previous record:
12,106 MW, Feb 25, 2021

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

Peak renewables serving load *NEW!*
89%
Feb 27, 2021 at 11:21 a.m.
Previous record:
84.6%, Feb 21, 2021

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 *NEW!*
17,447 MW
Feb 28, 2021 at 3:34 p.m.
Second highest:
15,639 MW, Jan 1, 2019

* Based on 1-minute averages, and includes dynamic transfers. Values are subject to revision as data is refined.
** Indicates the highest amount of renewables serving peak electricity demand on any given day.

California ISO

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 $MTCO_2$
Previous quarter:
16,071 $MTCO_2$

Western EIM benefits since 2014 *Visit Western EIM*

Benefits
$1.18 billion

ISO avoided curtailments
1.3 GWh

ISO GHG savings*
586,553 $MTCO_2$

Active participants
11

Future participants
11

Number of states
8

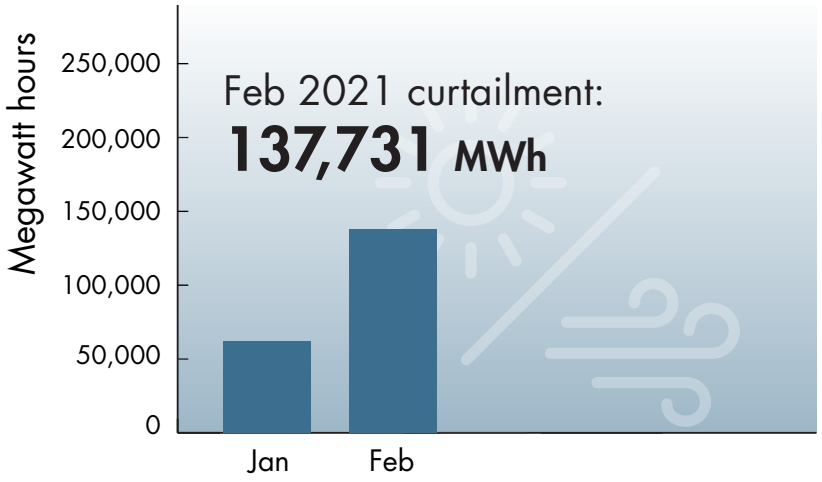
* The GHG emission reduction is associated with the avoided curtailment only.

Resources *(as of 3/01/2021)*

Resource adequacy net qualifying capacity (NQC) = 42,391 MW
Does not include current outages

Wind and solar curtailment totals

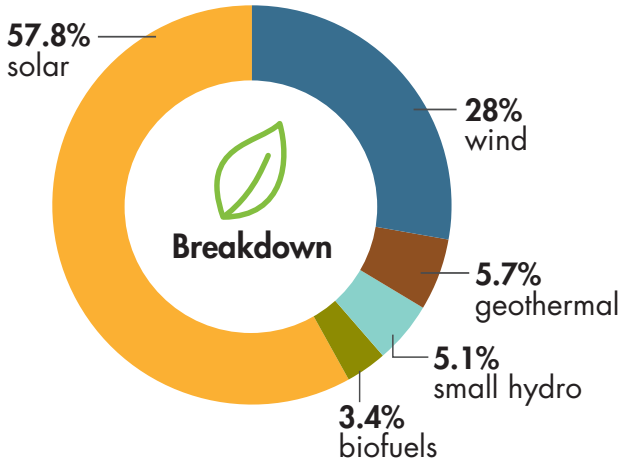
For more on oversupply, visit here.



California ISO

KEY STATISTICS

Installed renewable resources *(as of 3/01/2021)*



	Megawatts
Solar	14,066
Wind	6,826
Geothermal	1,389
Small hydro	1,235
Biofuels	822
TOTAL	**24,338**

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