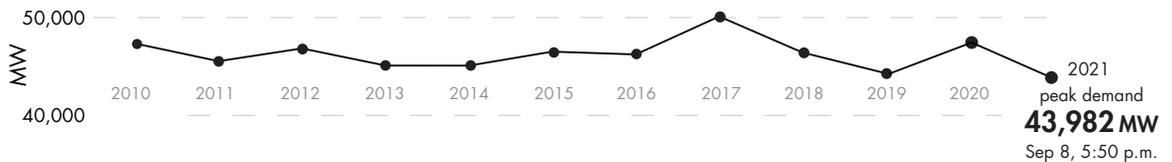


Peaks for February 2022

 Peak demand¹	 Solar peak¹	 Wind peak¹	 Peak demand served by renewables^{1,2}	 Peak net imports
29,228 MW Feb 23, 6:48 p.m. Previous month: 29,416 MW	12,536 MW Feb 25, 9:24 a.m. Previous month: 11,369 MW	6,178 MW Feb 15, 12:36 p.m. Previous month: 4,949 MW	7,062 MW Feb 15, 6:20 p.m. Previous month: 7,178 MW	11,465 MW Feb 10, 5:29 p.m. Previous month: 10,752 MW



[Peak load history](#)

Historical statistics and records (as of 03/01/2022)

 Solar peak 13,205 MW May 27, 2021 at 11:57 a.m. Previous record: 13,151 MW, Apr 13, 2021	 Wind peak NEW! 6,178 MW Feb 15, 2022 at 12:56 p.m. Previous record: 5,754 MW, May 29, 2021	 Peak renewables serving load 94.5% Apr 24, 2021 at 2:28 p.m. Previous record: 92.5%, Mar 13, 2021
 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 17,259 MW Feb 28, 2021 at 3:34 p.m. Second highest: 15,639 MW, Jan 1, 2019

¹ Based on 1-minute averages, and includes dynamic transfers. Values are subject to revision as data is refined.

² Indicates the highest amount of renewables serving peak electricity demand on any given day.

KEY STATISTICS

Western Energy Imbalance Market (WEIM) benefits: Q4 2021 [Read report](#)

Benefits
\$204 million
 Previous quarter:
 \$301 million

ISO avoided curtailments
38,044 MWh
 Previous quarter:
 23,042 MWh

ISO GHG savings³
16,283 MTCO₂
 Previous quarter:
 9,862 MTCO₂

WEIM benefits since 2014 [Visit WEIM website](#)

Benefits
\$1.93 billion

ISO avoided curtailments
1,570,200 MWh

ISO GHG savings³
671,966 MTCO₂

Active participants
17

Future participants
5

Number of states
10

Resources (as of 03/01/2022)



Resource adequacy net qualifying capacity (NQC) = **43,055 MW**
 Does not include current outages

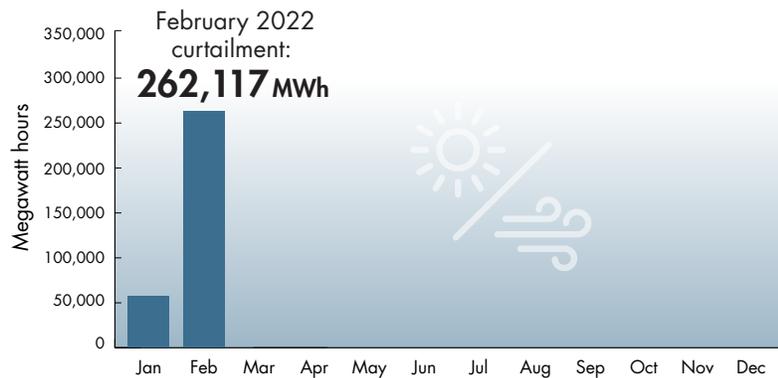


Installed battery capacity⁴
2,345 MW

Note: The counting methodology for battery capacity has been modified to reflect units online that have reached commercial operation date, and no longer includes those in the commissioning process. This data displays storage resources that have achieved commercial operation as of March 1, 2022.

Wind and solar curtailment totals

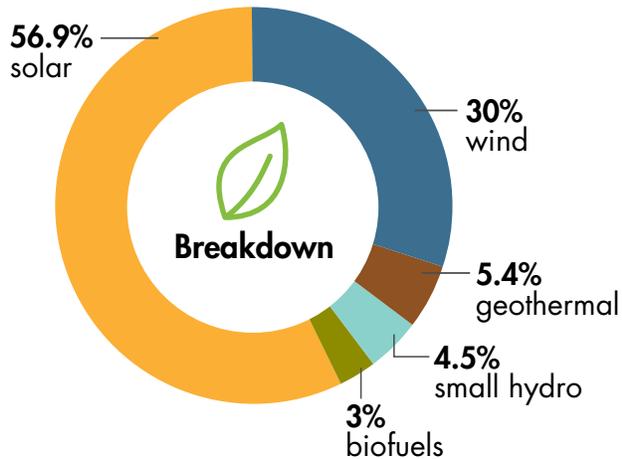
For more on oversupply, [visit here](#).



³ The GHG emission reduction is associated with the avoided curtailment only.

⁴ Does not include pumped storage.

Installed renewable resources *(as of 02/28/2022)*



	Megawatts
 Solar	14,963
 Wind	7,888
 Geothermal	1,428
 Small hydro	1,179
 Biofuels	799
TOTAL	26,257

[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)
- 224.8 million megawatt-hours of load served (2020)
- 33,617 market transactions per day (2020)
- 21 participating transmission owners
- ~26,000 circuit miles of transmission
- 260 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

[See previous Key Statistics](#)