

KFY STATISTICS

Peaks for March 2024



demand¹

27,125 MW

Mar. 6, 6:31 p.m.

Previous month: 28,592 MW



Solar peak1

15,364 MW

Mar. 22, 10:01 a.m.

Previous month: 15.066 MW



Wind peak1

5.739 MW

Mar. 26, 5:02 p.m.

Previous month: 5.181 MW



Peak demand served by renewables^{1,2}

11,895 MW

Mar. 29, 8:25 a.m.

Previous month: 6.165 MW



Peak net imports

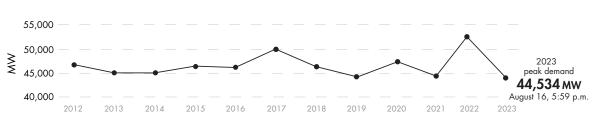
8.061 mw

Mar. 22, 10:29 p.m.

Previous month: 7.994 MW







Historical statistics and records (as of 04/12/2024)

Solar peak NEW! 17,802 MW

April 11, 2024 at 12:37 p.m.

Previous record:

17,170 MW, April 10, 2024

⇒ Wind peak 6,465 MW

May 28, 2022 at 5:39 p.m.

Previous record:

6,265 MW, March 4, 2022



May 8, 2022 at 3:39 p.m.

Previous record:

99.87%, April 30, 2022

net imports 11,894 MW

Sept. 21, 2019 at 6:53 p.m.

Peak **52,061** мw

Sept. 6, 2022 at 4:57 p.m.

Second highest:

50,270 MW, July 24, 2006



Feb 10, 2024 starting at 3 p.m.

Second highest:

21,153 MWh, Jan. 7, 2024

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.



KEY STATISTICS

Western Energy Imbalance Market (WEIM) benefits: Q4 2023 Read report

Benefits

\$391.82 million

Previous quarter:

\$462.05 million

ISO avoided curtailments

49,880 MWh

Previous quarter:

60.133 MWh

ISO GHG savings³

21,349 MTCO.

Previous quarter:

25,728 MTCO₂

WEIM benefits since 2014 Visit WEIM website

Benefits

\$5.05 billion

Active participants

22

ISO avoided curtailments

2,162,730 MWh

Future participants

1

ISO GHG savings³

925,568 MTCO,

Number of states

11

Resources



Resource adequacy net qualifying capacity (NQC) = 48,741 MW

As of 04/01/24. Does not include current outages.

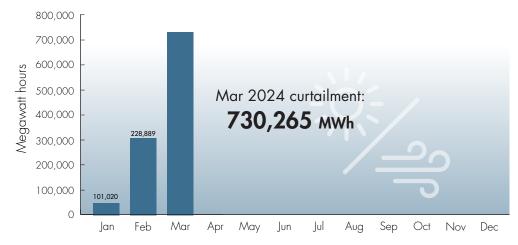


Installed battery capacity⁴ 7.596 MW

As of 04/01/24; subject to change.

Wind and solar curtailment totals

For more on oversupply, visit here.



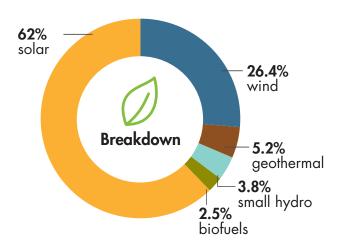
³ The GHG emission reduction is associated with the avoided curtailment only.

⁴ Includes storage resources that have achieved commercial operation date, and does not include pumped storage. Value updated 07/10/24, previously listed as 7,626 MW.



KEY STATISTICS

Installed renewable resources (as of 04/01/2024)



	Megawatts
☆ Solar	19,011
⇒ Wind	8,120
# Geothermal	1,610
≋ Small hydro	1,181
♠ Biofuels	778
TOTAL	30,700

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."

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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)
- 239.1 million megawatt-hours of load served (2022)
- 243.1 million megawatts of total electricity delivered (2022)
- 36,689 average market transactions per day (2022)
- 22 participating transmission owners
- ~26,000 circuit miles of transmission
- 314 market participants
- RC West is the reliability coordinator for 42 entities across 10 western states and northern Mexico

See the 2023 Annual Statistics

See previous Key Statistics