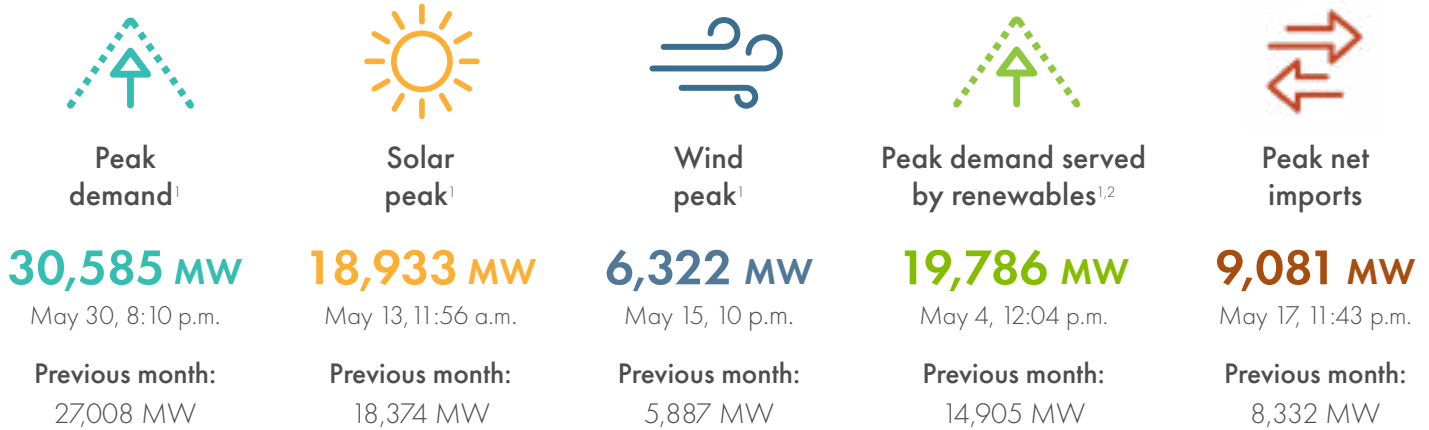
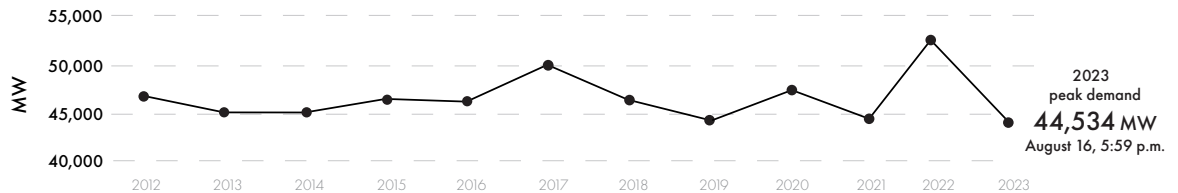


## KEY STATISTICS


### Peaks for May 2024





[Peak load history](#)





### Historical statistics and records (as of 06/06/2024)

 **Solar peak\* NEW!**  
**18,998 MW**  
 June 12, 2024 at 12:28 p.m.  
 Previous record:  
 18,962 MW, June 10, 2024

 **Wind peak**  
**6,465 MW**  
 May 28, 2022 at 5:39 p.m.  
 Previous record:  
 6,265 MW, March 4, 2022

 **Peak net imports**  
**11,894 MW**  
 Sept. 21, 2019 at 6:53 p.m.

 **Peak demand**  
**52,061 MW**  
 Sept. 6, 2022 at 4:57 p.m.  
 Second highest:  
 50,270 MW, July 24, 2006

 **Steepest 3-hour average ramp**  
**21,505 MWh**  
 Feb 10, 2024 starting at 3 p.m.  
 Second highest:  
 21,153 MWh, Jan. 7, 2024

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

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

\* This value has been manually validated, and is not what is currently reflected in Today's Outlook and the ISO Today mobile app.

## KEY STATISTICS

### Western Energy Imbalance Market (WEIM) benefits: Q1 2024 [Read report](#)

Benefits  
**\$436.30 million**

Previous quarter:  
\$391.82 million

ISO avoided curtailments  
**60,285 MWh**

Previous quarter:  
49,880 MWh

ISO GHG savings<sup>3</sup>  
**25,802 MTCO<sub>2</sub>**

Previous quarter:  
21,349 MTCO<sub>2</sub>

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

Benefits  
**\$5.49 billion**

ISO avoided curtailments  
**2,223,015 MWh**

ISO GHG savings<sup>3</sup>  
**951,370 MTCO<sub>2</sub>**

Active participants  
**22**

Future participants  
**1**

Number of states  
**11**

## Resources



Resource adequacy net qualifying capacity (NQC) = **50,456 MW**

As of 06/01/24. Does not include current outages.

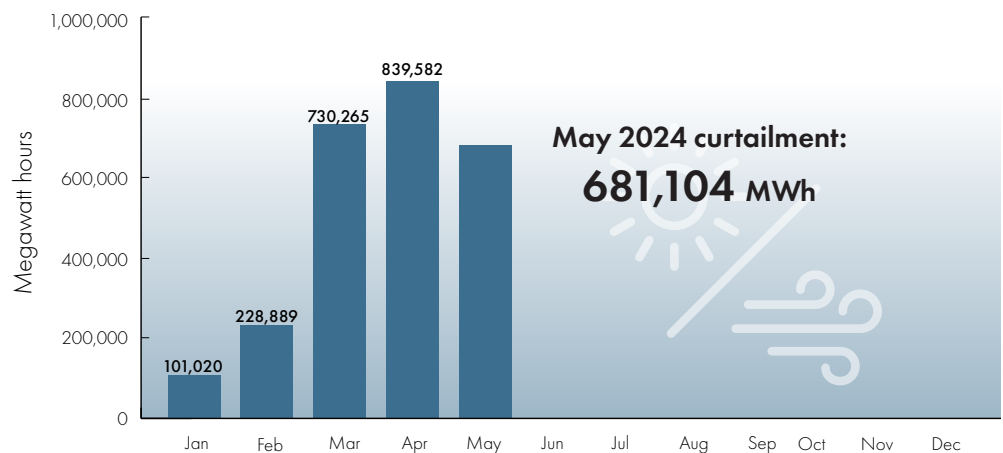


Installed battery capacity<sup>4</sup>  
**8,933 MW**

As of 06/01/24; subject to change.

## Wind and solar curtailment totals

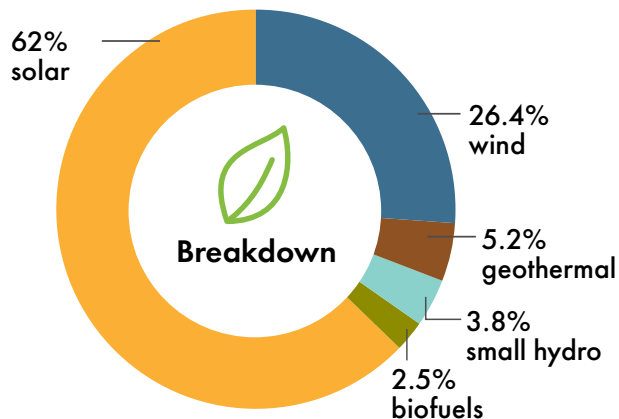
For more on oversupply, [visit here](#).








<sup>3</sup> The GHG emission reduction is associated with the avoided curtailment only.

<sup>4</sup> Includes storage resources that have achieved commercial operation date, and does not include pumped storage. Value updated 07/10/24, previously listed as 9,163 MW.

### Installed renewable resources (as of 06/01/2024)



	Megawatts
 Solar	19,479
 Wind	8,120
 Geothermal	1,504
 Small hydro	1,166
 Biofuels	778
<b>TOTAL</b>	<b>31,047</b>

[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)
- 237.5 million megawatt-hours of load served (2023)
- 245.8 million megawatts of total electricity delivered (2023)
- 37,751 MW average market transactions per day (2023)
- 22 participating transmission owners
- ~26,000 circuit miles of transmission
- 323 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](#)