


## Peaks for August 2025

 **PEAK DEMAND<sup>1</sup>**  
**44,506 MW**

Aug. 21, 6:07 p.m.

**Previous month:**  
39,908 MW**Previous year:**  
43,461 MW **SOLAR PEAK<sup>1</sup>**  
**21,619 MW**

Aug. 1, 12:07 p.m.

**Previous month:**  
21,774 MW**Previous year:**  
19,650 MW **WIND PEAK<sup>1</sup>**  
**5,903 MW**

Aug. 13, 9:50 p.m.

**Previous month:**  
5,452 MW**Previous year:**  
5,914 MW **PEAK DEMAND SERVED  
BY RENEWABLES<sup>1,2</sup>**  
**20,426 MW**

Aug. 14, 5:55 p.m.

**Previous month:**  
25,744 MW**Previous year:**  
20,612 MW **PEAK NET IMPORTS**  
**8,844 MW**

Aug. 17, 3:05 a.m.

**Previous month:**  
7,947 MW**Previous year:**  
8,078 MW **PEAK NET EXPORTS**  
**6,085 MW**

Aug. 3, 2:50 p.m.

**Previous month:**  
5,909 MW**Previous year:**  
4,884 MWHistorical statistics and records *(as of 09/08/2025)* **PEAK DEMAND****52,061 MW**

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

**Second highest:**  
50,270 MW, July 24, 2006 **SOLAR PEAK****21,774 MW**

July 30, 2025 at 11:56 a.m.

**Previous record:**  
21,718 MW, July 24, 2025 **WIND PEAK****6,465 MW**

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

**Previous record:**  
6,265 MW, Mar. 4, 2022 **PEAK NET IMPORTS****11,894 MW**

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

 **STEEPEST 3-HOUR AVERAGE RAMP****23,400 MWh**

Mar. 7, 2025 starting at 3:05 p.m.

**Second highest:**  
23,228 MWh, Jan. 20, 2025<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.

## Western Energy Imbalance Market (WEIM) benefits: Q2 2025 [Read report](#)

### BENEFITS

**\$420.44 million**

**Previous quarter:**

\$369.36 million

### ISO AVOIDED CURTAILMENTS

**112,712 MWh**

**Previous quarter:**

76,015 MWh

### ISO GHG SAVINGS<sup>3</sup>

**48,241 MTCO<sub>2</sub>**

**Previous quarter:**

32,534 MTCO<sub>2</sub>

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

### BENEFITS

**\$7.4 billion**

### ISO AVOIDED CURTAILMENTS

**2,625,909 MWh**

### ISO GHG SAVINGS<sup>3</sup>

**1,123,809 MTCO<sub>2</sub>**

**Active participants: 22**

**Future participants: 3**

**Number of states: 11**

## Resources



Resource adequacy net qualifying capacity (NQC) = **59,652 MW**

*As of 09/08/25. Does not include current outages.*



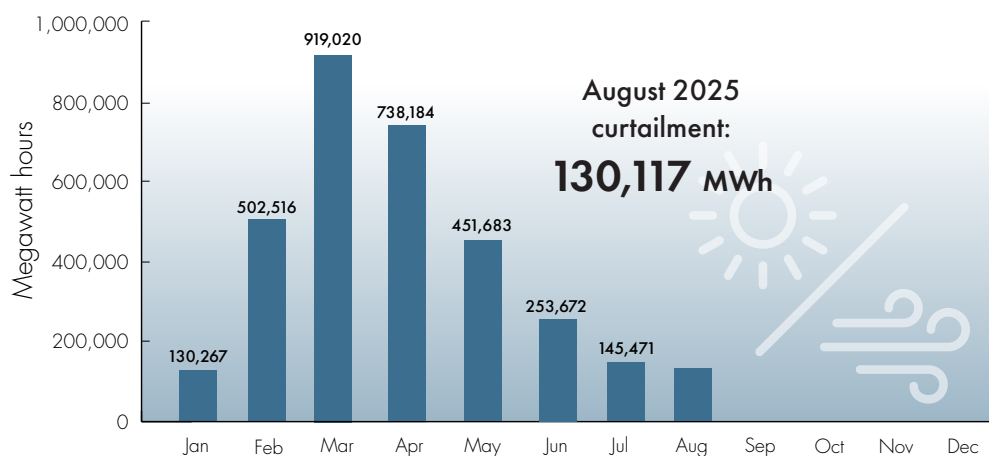
Installed battery capacity<sup>4</sup>

**14,033.94 MW**

*As of 08/31/25; subject to change.*

## Wind and solar curtailment totals

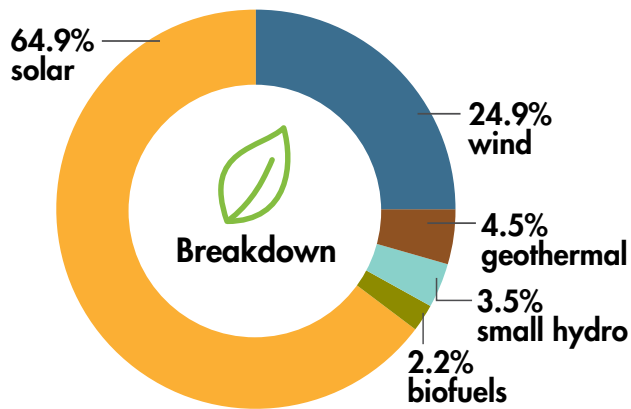
[Learn about curtailment and managing the evolving grid.](#)








<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.

### Installed renewable resources *(as of 09/08/2025)*



	Megawatts
 Solar	21,720
 Wind	8,355
 Geothermal	1,505
 Small hydro	1,146
 Biofuels	727
<b>TOTAL</b>	<b>33,453</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 served
- Serves ~80% of California demand
- Serves ~24% 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)
- 241.8 million megawatt-hours of load served (2024)
- 253.3 million megawatts of total electricity delivered (2024)
- 40,298 MW average market transactions per day (2024)
- 23 participating transmission owners
- ~26,000 circuit miles of transmission
- 329 market participants
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

[See previous Key Statistics](#)