Peaks for March 2024

<table>
<thead>
<tr>
<th>Peak demand</th>
<th>Solar peak</th>
<th>Wind peak</th>
<th>Peak demand served by renewables</th>
<th>Peak net imports</th>
</tr>
</thead>
<tbody>
<tr>
<td>27,125 MW</td>
<td>15,364 MW</td>
<td>5,739 MW</td>
<td>11,895 MW</td>
<td>8,061 MW</td>
</tr>
<tr>
<td>Mar. 6, 6:31 p.m.</td>
<td>Mar. 22, 10:01 a.m.</td>
<td>Mar. 26, 5:02 p.m.</td>
<td>Mar. 29, 8:25 a.m.</td>
<td>Mar. 22, 10:29 p.m.</td>
</tr>
<tr>
<td>Previous month: 28,592 MW</td>
<td>Previous month: 15,066 MW</td>
<td>Previous month: 5,181 MW</td>
<td>Previous month: 6,165 MW</td>
<td>Previous month: 7,994 MW</td>
</tr>
</tbody>
</table>

**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

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

- **Peak percentage of renewables compared to demand** 103.5%
  - May 8, 2022 at 3:39 p.m.
  - Previous record: 99.87%, April 30, 2022

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

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.
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 savings:
21,349 MTCO₂
Previous quarter: 25,728 MTCO₂

WEIM benefits since 2014 [Visit WEIM website]

Benefits
$5.05 billion

ISO avoided curtailments
2,162,730 MWh

ISO GHG savings:
925,568 MTCO₂

Resources

Resource adequacy net qualifying capacity (NQC) = 48,741 MW
As of 04/01/24. Does not include current outages.

Installed battery capacity:
7,626 MW
As of 04/01/24; subject to change.

Wind and solar curtailment totals

For more on oversupply, visit here.

Mar 2024 curtailment: 730,265 MWh

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

Includes storage resources that have achieved commercial operation date, and does not include pumped storage.
Installed renewable resources (as of 04/01/2024)

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)
• 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