Peaks for June 2021

- **Peak demand**: 41,397 MW
  - June 17, 5 p.m.
  - Previous month: 31,987 MW
- **Solar peak**: 12,888 MW
  - June 6, 1:05 p.m.
  - Previous month: 13,205 MW
- **Wind peak**: 5,466 MW
  - June 6, 5:45 p.m.
  - Previous month: 5,754 MW
- **Peak demand served by renewables**: 13,025 MW
  - June 21, 5:58 p.m.
  - Previous month: 9,561 MW
- **Peak net imports**: 10,974 MW
  - June 24, 5:45 a.m.
  - Previous month: 9,956 MW

---

### Historical statistics and records (as of 7/01/2021)

- **Solar peak**: 13,205 MW
  - May 27, 2021 at 11:57 a.m.
  - Previous record: 13,151 MW, Apr 13, 2021

- **Wind peak**: 5,754 MW
  - May 27, 2021 at 10:12 p.m.
  - Previous record: 5,753 MW, Apr 22, 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

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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 EIM benefits: Q1 2021** [Read report]

<table>
<thead>
<tr>
<th>Benefits</th>
<th>ISO avoided curtailments</th>
<th>ISO GHG savings$^3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>$101 million</td>
<td>76,147 MWh</td>
<td>32,591 MTCO$_2$</td>
</tr>
<tr>
<td>Previous quarter:</td>
<td>39,956 MWh</td>
<td>Previous quarter:</td>
</tr>
</tbody>
</table>

**Western EIM benefits since 2014** [Visit Western EIM]

<table>
<thead>
<tr>
<th>Benefits</th>
<th>ISO avoided curtailments</th>
<th>ISO GHG savings$^3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.28 billion</td>
<td>1.4 GWh</td>
<td>599,144 MTCO$_2$</td>
</tr>
</tbody>
</table>

- **Active participants**: 14
- **Future participants**: 7
- **Number of states**: 9

**Resources (as of 7/01/2021)**

- Resource adequacy net qualifying capacity (NQC) = 47,688 MW
- Does not include current outages

**Wind and solar curtailment totals**

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

<table>
<thead>
<tr>
<th>Month</th>
<th>Megawatt hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>50,000</td>
</tr>
<tr>
<td>Feb</td>
<td>100,000</td>
</tr>
<tr>
<td>Mar</td>
<td>200,000</td>
</tr>
<tr>
<td>Apr</td>
<td>150,000</td>
</tr>
<tr>
<td>May</td>
<td>250,000</td>
</tr>
<tr>
<td>June</td>
<td>300,000</td>
</tr>
</tbody>
</table>

June 2021 curtailment: **92,375 MWh**

$^3$ The GHG emission reduction is associated with the avoided curtailment only.
Installed renewable resources (as of 7/01/2021)

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 41 entities across 10 western states and northern Mexico

See previous Key Statistics