Peaks for March 2021

**Peak demand**

28,349 MW  
Mar 10, 6:45 p.m.

**Solar peak**

12,913 MW  
Mar 31, 3:03 p.m.

**Wind peak**

5,497 MW  
Mar 13, 6:33 p.m.

**Peak demand served by renewables**

9,375 MW  
Mar 17, 8:26 a.m.

**Peak net imports**

10,243 MW  
Mar 15, 8:46 p.m.

---

**Annual peak demand**

47,121 MW  
Aug 18, 3:57 p.m.

---

### Historical statistics and records (as of 4/01/2021)

**Solar peak**

12,913 MW  
Mar 31, 2021 at 3:03 p.m.

**Wind peak**

5,497 MW  
Mar 13, 2021 at 6:33 p.m.

**Peak renewables serving load**

92.5%  
Mar 13, 2021 at 12:32 p.m.

**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.

**Steepest ramp over 3-hour period**

17,259 MW  
Feb 28, 2021 at 3:34 p.m.

---

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: Q4 2020 [Read report]

Benefits
$68.86 million

Previous quarter:
$119.3 million

ISO avoided curtailments
39,956 MWh

Previous quarter:
37,548 MWh

ISO GHG savings¹
17,101 MTCO₂

Previous quarter:
16,071 MTCO₂

Western EIM benefits since 2014 [Visit Western EIM]

Benefits
$1.18 billion

ISO avoided curtailments
1.3 GWh

ISO GHG savings¹
586,553 MTCO₂

Active participants
14

Future participants
8

Number of states
10

¹ The GHG emission reduction is associated with the avoided curtailment only.

Resources (as of 4/01/2021)

Resource adequacy net qualifying capacity (NQC) = 43,692 MW

Does not include current outages

Wind and solar curtailment totals

For more on oversupply, [visit here].

Mar 2021 curtailment: 341,959 MWh
Installed renewable resources (as of 4/01/2021)

Breakdown

- 57.7% solar
- 28.4% wind
- 5.7% geothermal
- 4.9% small hydro
- 3.4% biofuels

Megawatts

<table>
<thead>
<tr>
<th>Resource</th>
<th>Megawatts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar</td>
<td>14,106</td>
</tr>
<tr>
<td>Wind</td>
<td>6,952</td>
</tr>
<tr>
<td>Geothermal</td>
<td>1,389</td>
</tr>
<tr>
<td>Small hydro</td>
<td>1,195</td>
</tr>
<tr>
<td>Biofuels</td>
<td>822</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>24,464</strong></td>
</tr>
</tbody>
</table>

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)
- 20 participating transmission owners
- ~26,000 circuit miles of transmission
- 267 market participants
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

See previous key statistics