**Peaks for November 2020**

- **Peak demand**
  - 29,831 MW
  - Nov 5, 5:30 p.m.
  - Previous month: 43,400 MW

- **Solar peak**
  - 10,102 MW
  - Nov 11, 9:42 a.m.
  - Previous month: 10,218 MW

- **Wind peak**
  - 4,809 MW
  - Nov 6, 10:32 p.m.
  - Previous month: 5,007 MW

- **Peak demand served by renewables**
  - 5,306 MW
  - Nov 18, 5:51 p.m.
  - Previous month: 8,658 MW

- **Peak net imports**
  - 10,253 MW
  - Nov 13, 6:10 p.m.
  - Previous month: 11,350 MW

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**Historical statistics and records (as of 12/01/2020)**

- **Solar peak**
  - 12,016 MW
  - Jun 29, 2020 at 12:32 p.m.
  - Previous record: 11,932 MW, Jun 17, 2020

- **Wind peak**
  - 5,309 MW
  - May 8, 2019 at 3:21 a.m.
  - Previous record: 5,193 MW, Jun 8, 2018

- **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

- **Peak load history**

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1. This indicates the highest amount of renewables serving peak electricity demand on any given day.
Western EIM benefits: Q3 2020  

**Benefits**  
$119.3 million  
Previous quarter: $79 million

**ISO avoided curtailments**  
37,548 MWh  
Previous quarter: 147,514 MWh

**ISO GHG savings**  
16,071 MTCO₂  
Previous quarter: 63,136 MTCO₂

Western EIM benefits since 2014  

**Benefits**  
$1.11 billion

**ISO avoided curtailments**  
1,283,952 MWh

**ISO GHG savings**  
549,452 MTCO₂

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**Active participants**  
11

**Future participants**  
11

**Number of states**  
8

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

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**Resources**  
(as of 12/01/2020)

Resource adequacy net qualifying capacity (NQC) = 45,824 MW

Does not include current outages

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**Wind and solar curtailment totals**

For more on oversupply, visit here.

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Nov 2020 curtailment: 66,947 MWh
KEY STATISTICS

Installed renewable resources (as of 12/01/2020)

Breakdown:
- 56.4% solar
- 28.7% wind
- 6% geothermal
- 5.3% small hydro
- 3.6% biofuels

Megawatts:
- Solar: 13,147
- Wind: 6,690
- Geothermal: 1,387
- Small hydro: 1,232
- Biofuels: 840
- Total: 23,296

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
- 253 market participants
- RC West is the reliability coordinator for 41 entities across 14 western states and northern Mexico

See previous key statistics