

### KEY STATISTICS

#### Peaks for June 2021



demand<sup>1</sup>

41,397 MW

June 17, 5 p.m.

Previous month: 31,987 MW



Solar peak1

12,888 MW

June 6, 1:05 p.m.

Previous month: 13,205 MW



Wind peak1

5,466 MW

June 6, 5:45 p.m.

**Previous month:** 5.754 MW



Peak demand served by renewables<sup>1,2</sup>

13,025 MW

June 21, 5:58 p.m.

**Previous month:** 9.561 MW



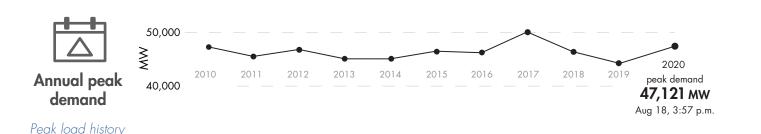
Peak net imports

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

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



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

50,270 mw

Peak

Jul 24, 2006 at 2:44 p.m.

Second highest: 50,116 MW, Sep 1, 2017

Based on 1-minute averages, and includes dynamic transfers. Values are subject to revision as data is refined. Indicates the highest amount of renewables serving peak electricity demand on any given day.



### **KEY STATISTICS**

Western EIM benefits: Q1 2021 Read report

**Benefits** 

\$101 million

**Previous quarter:** \$68.86 million

ISO avoided curtailments

76,147 MWh

**Previous quarter:** 39,956 MWh

ISO GHG savings<sup>3</sup>

**32,591** MTCO<sub>2</sub>

Previous quarter:  $17,101 \text{ MTCO}_2$ 

Western EIM benefits since 2014 Visit Western EIM

**Benefits** 

\$1.28 billion

ISO avoided curtailments

**1.4** GWh

ISO GHG savings<sup>3</sup>

**599,144** MTCO,

**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.

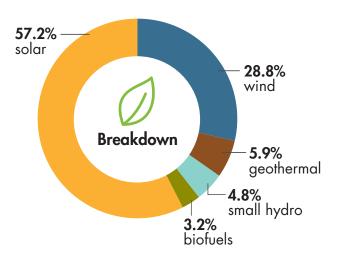


<sup>&</sup>lt;sup>3</sup> The GHG emission reduction is associated with the avoided curtailment only.



### **KEY STATISTICS**

### Installed renewable resources (as of 7/01/2021)



	Megawans
🌣 Solar	14,628
⇒ Wind	7,365
Geothermal	1,516
Small hydro	1,219
♣ Biofuels	830
TOTAL	25,558

Meaawatts

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."

## Oth

### 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