2021 Statistics

**Peak renewables serving load**

**NEW RECORD**

- **94.5%**
  - April 24 at 2:28 p.m.

- **5-minute max**
  - Solar 58.75%
  - Wind 26.82%
  - Non-renewables 5.5%
  - Biogas 1.03%
  - Biomass 1.41%
  - Small hydro 1.05%
  - Geothermal 5.27%

*Previous year:* 81.88% on May 2 at 1:40 p.m.

See the ISO’s [Monthly Renewables Performance Report](https://www.caiso.com/)

**Peak demand**

**43,982 MW**

- September 8 at 5:50 p.m.

- **5-minute average**
  - Natural gas 55.89%
  - Renewables 18.76%
  - Imports 10.66%
  - Nuclear 5.11%
  - Large hydro 8.18%
  - Battery 1.36%

*Previous year:* 47,236 MW on September 6 at 5:43 p.m.

**Peak renewables serving load**

- **NEW RECORD**
  - **13,205 MW**
    - May 27 at 11:57 a.m.

*Previous year:* 12,016 MW on June 29 at 12:32 p.m.

**Wind peak**

- **NEW RECORD**
  - **5,754 MW**
    - May 29 at 10:12 p.m.

*Previous year:* 5,318 MW April 30 at 5:36 p.m.

**Peak demand served by renewables**

- **14,329 MW (43.5%)**
  - August 18 at 5 p.m.

*Previous year:* 14,400 MW (37.6%)

- June 25 at 4:38 p.m.

This indicates the highest amount of renewables serving peak electricity demand on any given day.

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Peak solar and wind curtailed
NEW MONTHLY RECORD
341,959 MWh
March
Previous year:
318,444 MWh in April
Visit Managing Oversupply page

Statewide Flex Alerts
8
Jun 17-18, Jul 9-10, 12, 28, Sep 8-9
Previous year:
5 statewide Flex Alerts
See past Flex Alerts

Peak net imports
11,620 MW
December 23 at 6:13 p.m.
Previous year:
11,513 MW January 31 at 5:58 p.m.

Added installed storage capacity
2,359 MW
Previous year:
172 MW

Western Energy Imbalance Market gross benefits
NEW RECORD
$739 million
Previous year:
$325.08 million
Visit WEIM

ISO GHG savings
105,413 mTCO₂
Previous year:
133,433 mTCO₂
See ISO GHG emissions tracking reports