

2024 Statistics

Peak demand

48,323 MW

Sept 5 at 4:59 p.m.

Previous year:

44,534 MW on Aug 16 at 5:59 p.m.

Based on 1-minute averages, and includes dynamic transfers.

New record

Peak demand served by renewables

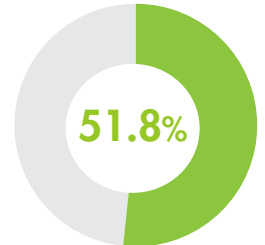
20,612 MW (51.8%)

Aug 12 at 5:03 p.m.

Previous year:

15,524 MW (38.2%) on July 18 at 5:57 p.m.

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



New record

Solar peak

19,650 MW

Aug 23 at 12:10 p.m.

Previous year:

16,056 MW on Sept 26 at 11:32 a.m.

Wind peak

6,322 MW

May 15 at 10 p.m.

Previous year:

6,317 MW on May 28 at 5:39 p.m.

Peak net imports

9,566 MW

July 3 at 2:52 a.m.

Previous year:

10,480 MW on May 20 at 11:36 p.m.

Added installed storage capacity

3,950 MW

Previous year:

2,684 MW

Total installed storage capacity:

11,138 MW

Western Energy Imbalance Market (WEIM)

Gross benefits:

\$1.57 billion

Previous year:

\$1.65 billion

Total gross benefits:

\$6.62 billion

Visit [WEIM](#)

WEIM ISO GHG savings:

117,466 mTCO₂

Previous year:

133,507 mTCO₂

Total WEIM ISO GHG savings:

1,043,034 mTCO₂

See [ISO GHG emissions tracking reports](#)

Statewide Flex Alerts:

0

Previous year:

0 statewide Flex Alerts

See past [Flex Alerts](#)

