California ISO

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

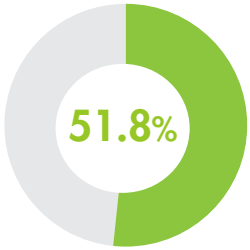
Peak demand served by renewables

20,612 MW (51.8%)

Aug12 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 26 at 9:08 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 $mTCO_2$

Previous year:
133,507 $mTCO_2$

Total WEIM ISO GHG savings:
1,043,034 $mTCO_2$

See ISO GHG emissions tracking reports

Statewide Flex Alerts:

0

Previous year:
0 statewide Flex Alerts

See past Flex Alerts

©2025 California ISO

ISO PUBLIC