California

Total solar installed (MW)
39,729
4,771 MW in 2022

Growth projection over the next 5 years (MW)
26,569
Ranks 2nd

Enough solar installed to power
10,748,338 homes

Percentage of state's electricity from solar²
27.34%

Solar jobs in the state¹
75,712
Ranked 1st in 2021

2380 solar companies are currently operating in California³

403 manufacturers
1103 installers/developers
874 other companies

Value of the state solar market
$88.3 billion
with $9.5 billion invested in 2022

Price decline over the last ten years
53%

California Annual Solar Installations

Learn more at seia.org/states
More information about solar energy in California

- Mount Signal Solar Farm in Calexico was developed by 8 Minute Energy and was developed from 2018-2020. This 527.8 MW project produces enough electricity to power 146345 homes.

- Kaiser Permanente, Apple, and Prologis have all gone solar in California. Apple’s 173 MW California Flats project in Parkfield is the largest corporate project in the state.

- At 325 MW, Aquamarine in Lemore is among the largest solar installations in California. Completed by CIM in 2021, this solar project has enough electric capacity to power more than 90114 homes.

References

All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: https://www.seia.org/smi


2Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

3SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database