California Total solar installed (MW) 46,874.31
6,171.24 MW in 2023
Growth projection over the next 5 years (MW) 19,872.19
Ranks 2nd
Solar jobs in the state¹ 78,116
Ranked 1st in 2023

Enough solar installed to power 13,904,267 homes

Value of the state solar market $102.8 billion
$12.2 billion invested in 2023

Percentage of state’s electricity from solar² 28.16%

California Annual Solar Installations

- Residential
- Commercial
- Community Solar
- Utility PV
- Utility CSP

Learn more at seia.org/states
March 2024
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 146,345 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 90,114 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