Hawaii

Total solar installed (MW) 1,807.79
221.9 MW in 2023

Growth projection over the next 5 years (MW) 963.05
Ranks 38th

Solar jobs in the state¹ 2,393
Ranked 28th in 2023

Value of the state solar market $4.5 billion
$413 million invested in 2023

Price decline over the last ten years 47%

Enough solar installed to power 475,682 homes

Percentage of state’s electricity from solar² 18.87%

106 solar companies are currently operating in Hawaii

2 manufacturers
75 installers/developers
29 other companies

Hawaii Annual Solar Installations

Learn more at seia.org/states

March 2024
More information about solar energy in Hawaii

- Kawailoa Solar in Haleiwa was developed by Clearway Energy Group and came online in 2019. This 62.7 MW project produces enough electricity to power 16808 homes.

- Brookfield Properties Retail, Target, and Home Depot have all gone solar in Hawaii. Brookfield Properties 1.5 MW Retail’s Ala Moana Center project is one of the largest corporate projects in the state.

- At 40.3 MW, Waianae Solar Project in Waianee is among the largest solar installations in Hawaii. Completed by Eurus Energy Corp in 2017, this solar project has enough electric capacity to power more than 10803 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