

STATE SOLAR

spotlight

Hawaii

Ranks
22nd
for total installed
solar capacity

Total solar installed (MW)

1,924.73

300.02 MW in 2023

Growth projection over
the next 5 years (MW)

1,055.91

Ranks 40th



Solar jobs in the state¹

2,393

Ranked 28th in 2023



Enough solar
installed to power

512,968

homes

Percentage of state's
electricity from solar²

19.47%



113

solar companies are
currently operating in
Hawaii



2
manufacturers



80
installers/developers



31
other companies

Value of the state solar market

\$4.6

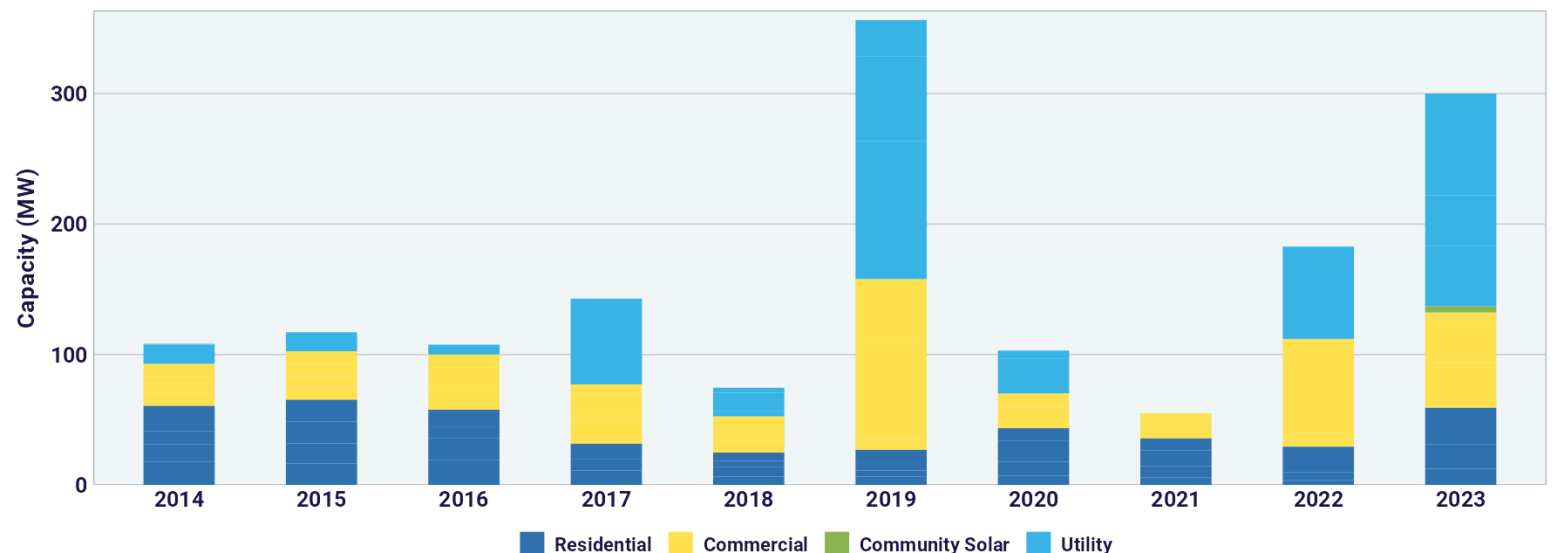
billion

\$497 million invested in 2023

Price decline over
the last ten years

43%

Hawaii Annual Solar Installations



STATE SOLAR *spotlight*

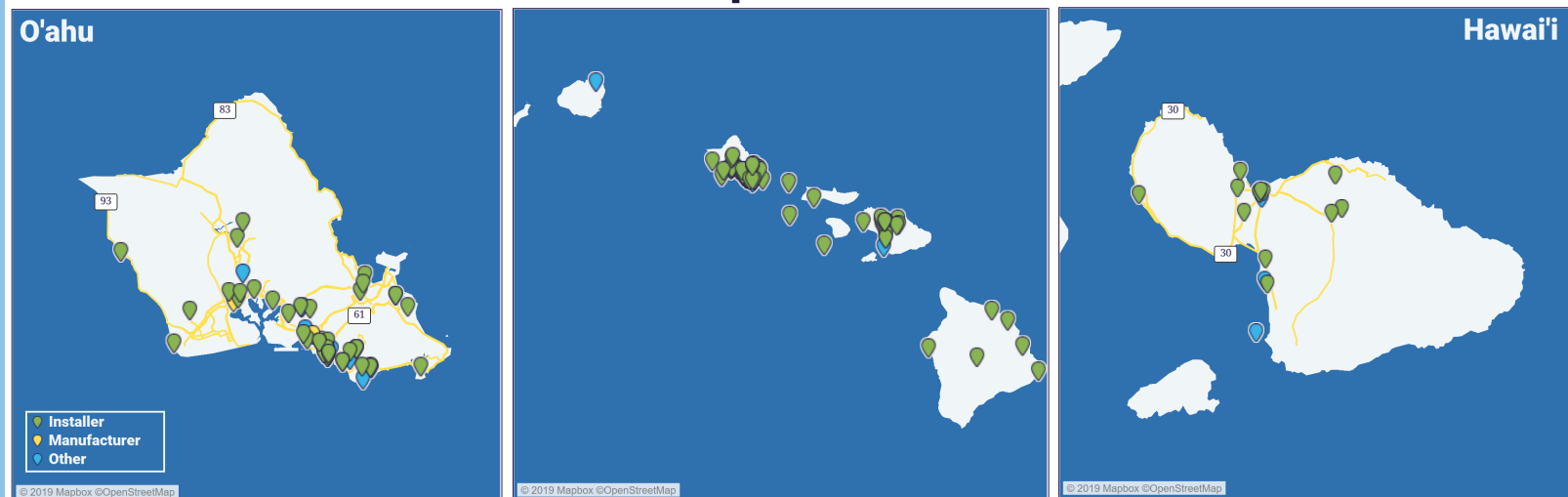
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More information about solar energy in Hawaii

- Kawaihoa 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.

Solar Companies in Hawai'i



References

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

¹National Solar Jobs Census 2023: <https://irecusa.org/programs/solar-jobs-census/>

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>

⁴SEIA, Solar Project Tracker (includes Solar Means Business: <https://www.solarmeansbusiness.com>, Major Solar Projects List: <https://www.seia.org/research-resources/major-solar-projects-list> and Solar in Schools: <https://www.seia.org/research-resources/brighter-future-study-solar-us-schools-0>)