

STATE SOLAR

spotlight

Pennsylvania

Ranks
24th
for total installed
solar capacity

Total solar installed (MW)

1,491.49

415.1 MW in 2023

Growth projection over
the next 5 years (MW)

2,354.76

Ranks 21st



Solar jobs in the state¹

4,288

Ranked 19th in 2023



Enough solar
installed to power

195,365
homes

Percentage of state's
electricity from solar²

0.62%



467

solar companies are
currently operating in
Pennsylvania



109
manufacturers



228
installers/developers



130
other companies

Value of the state solar market

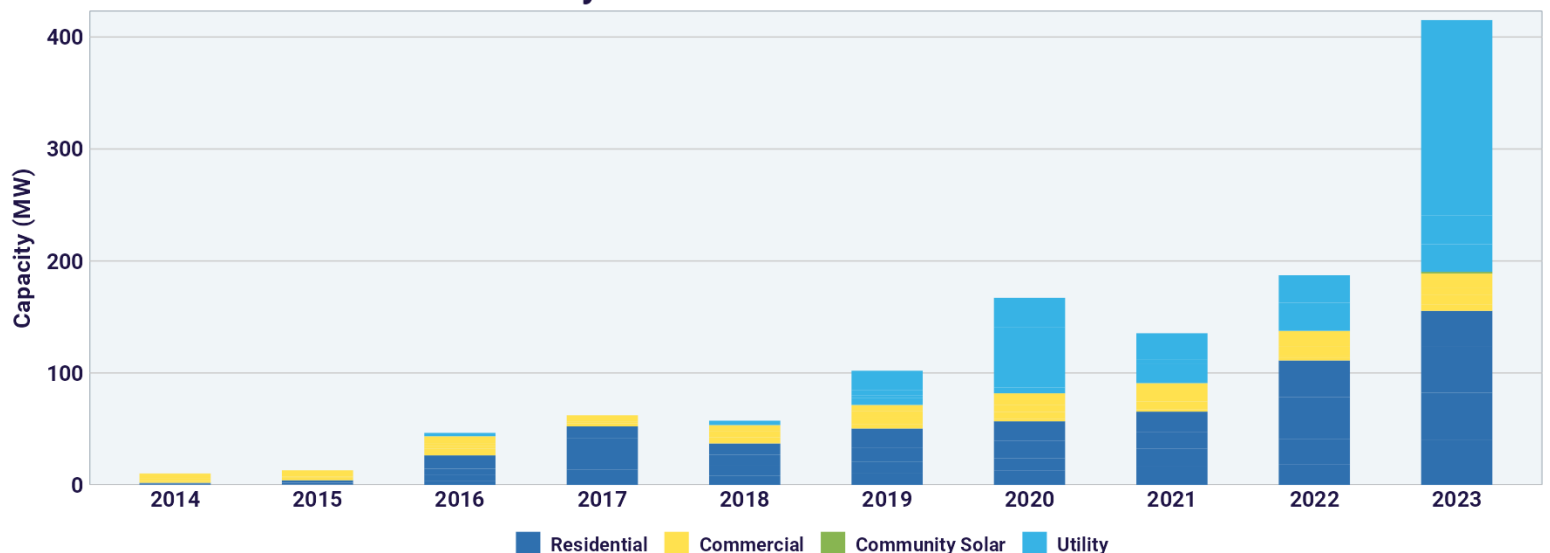
\$3.9
billion

\$821 million invested in 2023

Price decline over
the last ten years

47%

Pennsylvania Annual Solar Installations



STATE SOLAR *spotlight*

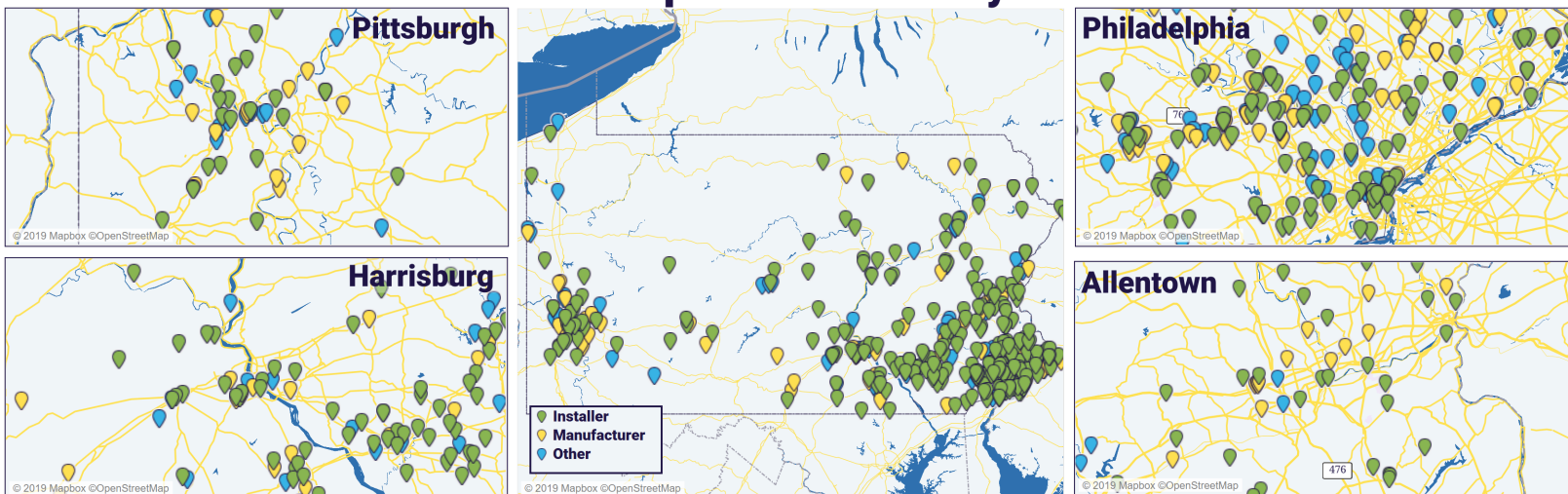
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More information about solar energy in Pennsylvania

- White Tail Solar in August and York Townships was developed by Ranger Power and came online in 2019-2020. This 72.2 MW project produces enough electricity to power 9420 homes.
- Lineage Logistics, Target, and Prologis have all gone solar in Pennsylvania. Prologis' 4 MW project in Easton is one of the largest corporate solar projects in the state.
- At 17.5 MW, Elk Hill Solar 2 in Peters Township is among the largest solar installations in Pennsylvania. Completed by Lightsource bp in 2020, this solar project has enough electric capacity to power more than 2283 homes.

Solar Companies in Pennsylvania



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>