

STATE SOLAR

spotlight

Maryland

Ranks
20th
for total installed
solar capacity

Total solar installed (MW)

2,183.00

225.19 MW in 2023

Growth projection over
the next 5 years (MW)

2,313.75

Ranks 27th



Solar jobs in the state¹

4,921

Ranked 15th in 2023



Enough solar
installed to power

266,917
homes

Percentage of state's
electricity from solar²

6.53%



208

solar companies are
currently operating in
Maryland



19

manufacturers



105

installers/developers



84

other companies

Value of the state solar market

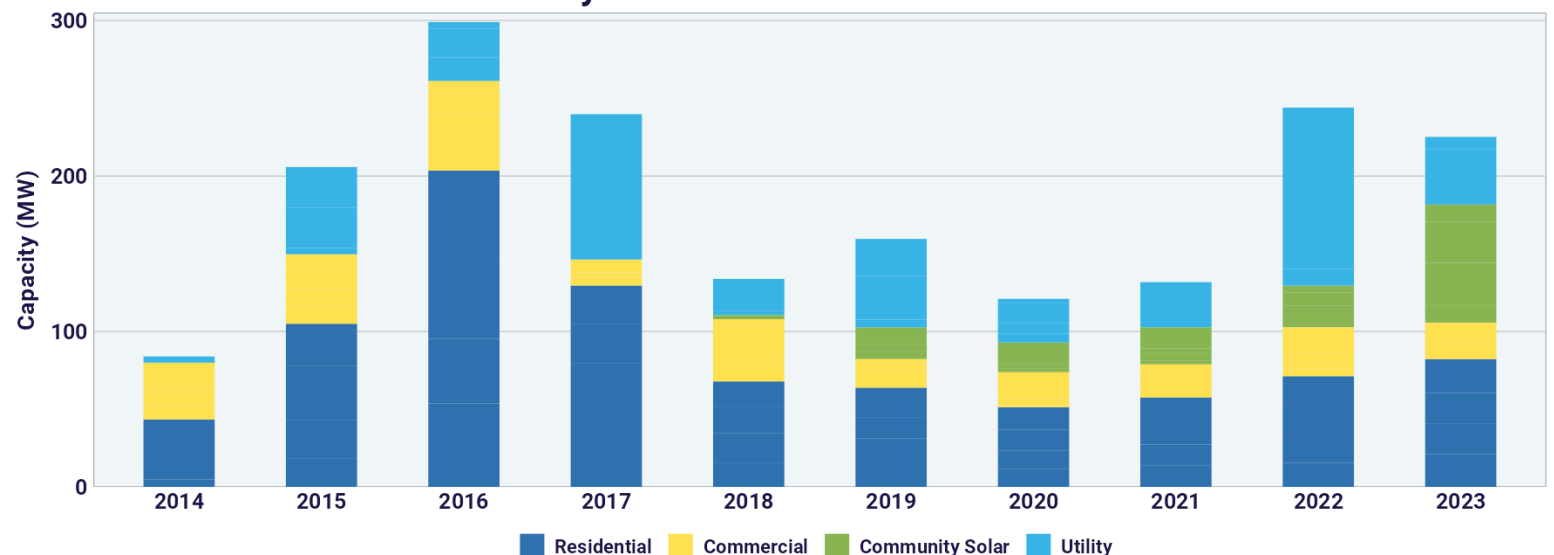
\$5.2
billion

\$486 million invested in 2023

Price decline over
the last ten years

43%

Maryland Annual Solar Installations



STATE SOLAR *spotlight*

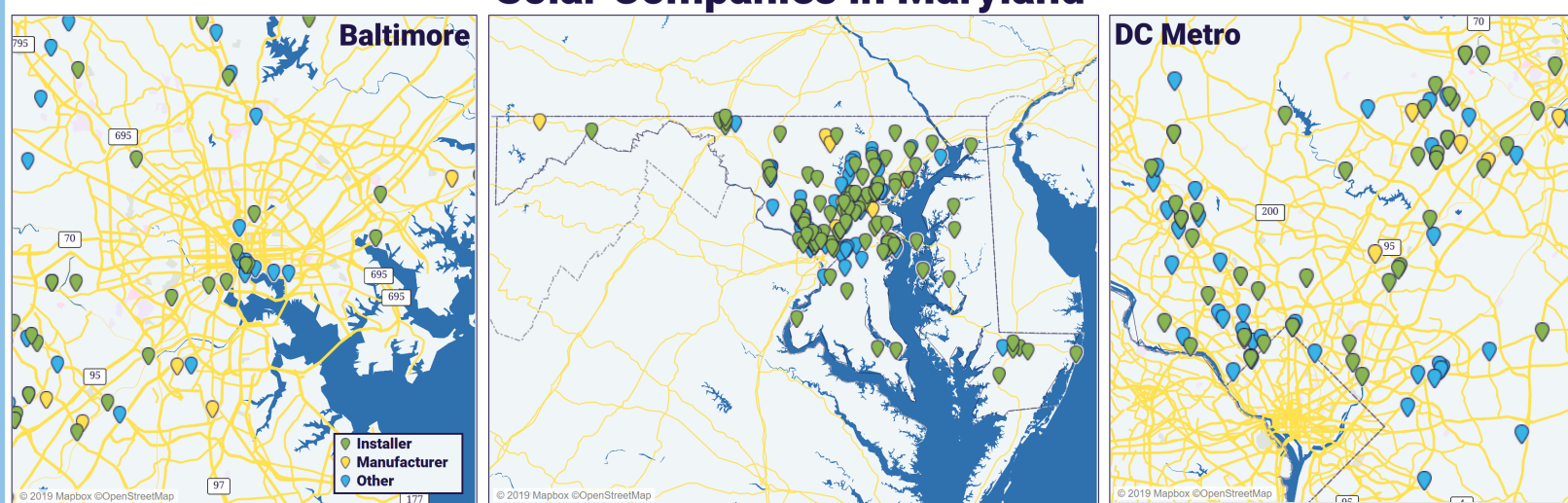
Maryland

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More information about solar energy in Maryland

- Great Bay Solar 1 in Princess Anne was developed by Pioneer Green Solar and came on-line in 2018. This 99 MW project produces enough electricity to power 12227 homes.
- Home Depot, Amazon, and Target have all gone solar in Maryland. Home Depot's 5 MW project in Baltimore is one of the largest corporate projects in the state.
- At 29 MW, Todd Solar in Hurlock is among the largest solar installations in Maryland. Completed by Invenergy in 2021, this solar project has enough electric capacity to power more than 3582 homes.

Solar Companies in Maryland



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>