STATE SOLAR *spotlight*

Maryland

Ranks
22nd
for total installed solar capacity

Total solar installed (MW)
2,224.02
225.19 MW in 2023

Growth projection over the next 5 years (MW)
↗ 2,269.49
Ranks 27th

Solar jobs in the state[1]
4,973
Ranked 16th in 2023

Enough solar installed to power
265,161 homes

208
solar companies are currently operating in Maryland

19 manufacturers

105 installers/developers

84 other companies
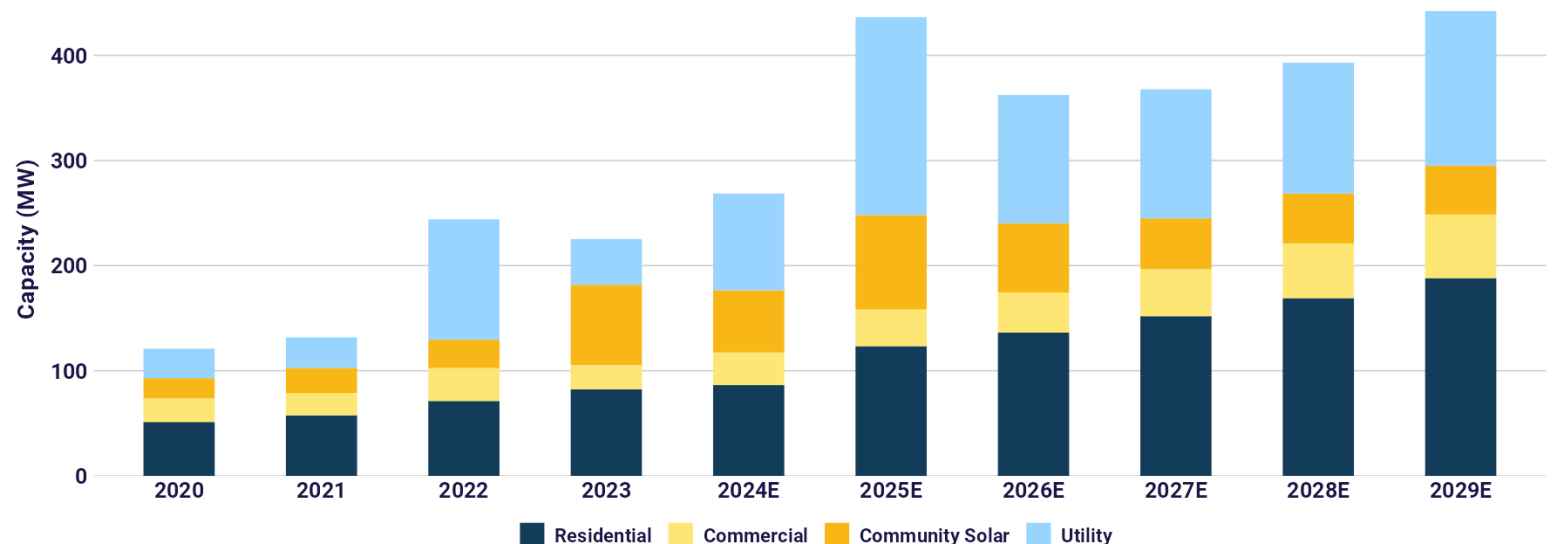
Value of the state solar market
$5.3 billion
$486 million invested in 2023

Percentage of state's electricity from solar[2]
6.57%

Price decline over the last ten years
43%

Maryland Annual Solar Installations

Capacity (MW) — bar chart by year (2020, 2021, 2022, 2023, 2024E, 2025E, 2026E, 2027E, 2028E, 2029E)

Legend: ■ Residential ■ Commercial ■ Community Solar ■ Utility
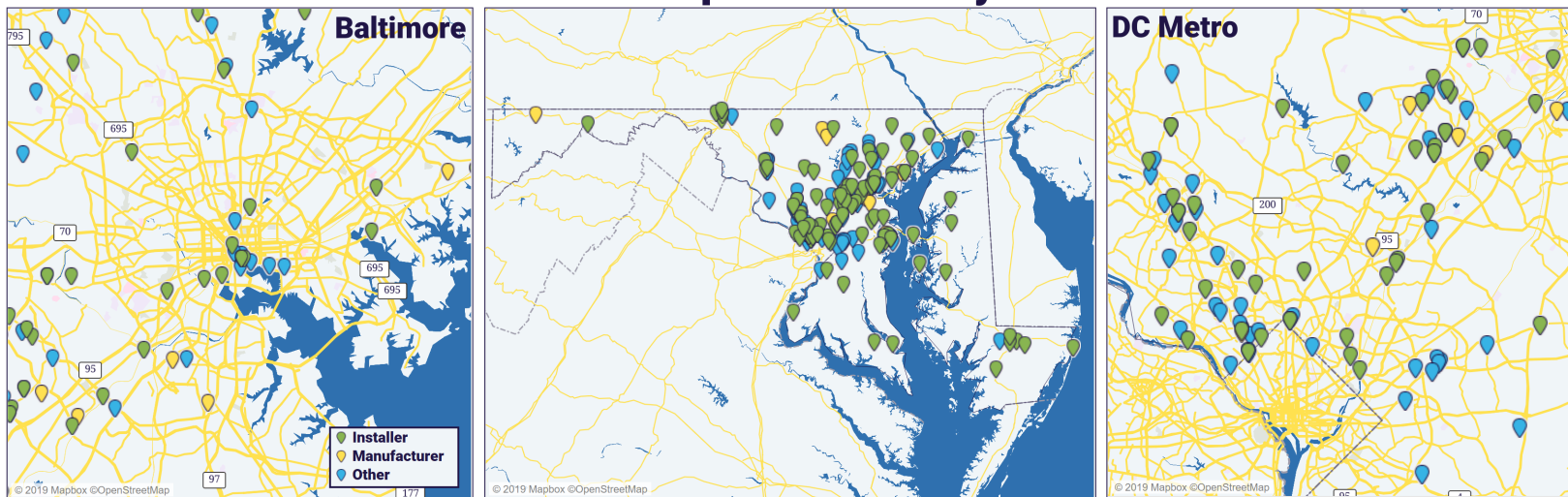
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More information about solar energy Maryland

- Great Bay Solar 1 in Princess Anne was developed by Pioneer Green Solar and came online 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

Baltimore

DC Metro

- Installer
- Manufacturer
- Other

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References

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

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

[2]Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

[4]SEIA, 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

SEIA Solar Energy Industries Association®