STATE SOLAR

Maryland

Total solar installed (MW)
2,053.91
217.13 MW in 2023

Growth projection over the next 5 years (MW)
1,593.53
Ranks 29th

Enough solar installed to power
253,987 homes

Percentage of state's electricity from solar²
6.32%

Solar jobs in the state¹
4,921
Ranked 15th in 2023

187 solar companies are currently operating in Maryland

17 manufacturers
94 installers/developers
76 other companies

Value of the state solar market
$5 billion
$467 million invested in 2023

Price decline over the last ten years
47%

Learn more at seia.org/states

Maryland Annual Solar Installations

- Residential
- Commercial
- Community Solar
- Utility

Learn more at seia.org/states

March 2024
More information about solar energy in 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.

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