Maryland

TOTAL SOLAR INSTALLED (MW)
1,775
232 MW in 2022

GROWTH PROJECTION OVER THE NEXT 5 YEARS (MW)
1,566
Ranks 30th

SOLAR JOBS IN THE STATE
4,921
Ranked 15th in 2022

ENOUGH SOLAR INSTALLED TO POWER 214,309 HOMES

PERCENTAGE OF STATE'S ELECTRICITY FROM SOLAR
5.53%

190 SOLAR COMPANIES ARE CURRENTLY OPERATING IN MARYLAND
19 MANUFACTURERS
97 INSTALLERS/DEVELOPERS
74 OTHER COMPANIES

VALUE OF THE STATE SOLAR MARKET $4.4 BILLION WITH $415 MILLION INVESTED IN 2022

PRICE DECLINE OVER THE LAST TEN YEARS 43%

MARYLAND ANNUAL SOLAR INSTALLATIONS

Learn more at seia.org/states

SEPTEMBER 2023
Maryland Ranks 19th

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