MD SOLAR State Spotlight



RANKINGS

22nd
for total installed solar capacity

CAPACITY		
11th Residential	27th Utility	8th Non-Residential DG
PER CAPITA		
13th Residential	36th Utility	13th Non-Residential DG

Total Solar Installed
3.4 GW
673 MW in 2025

4,938
Solar Jobs
Ranks 17th

MD Solar Market Value
$7.7B
$1.2B Invested in 2025

Total Utility-Scale Storage Installed
35 MWh

Powered by
200
Solar Companies

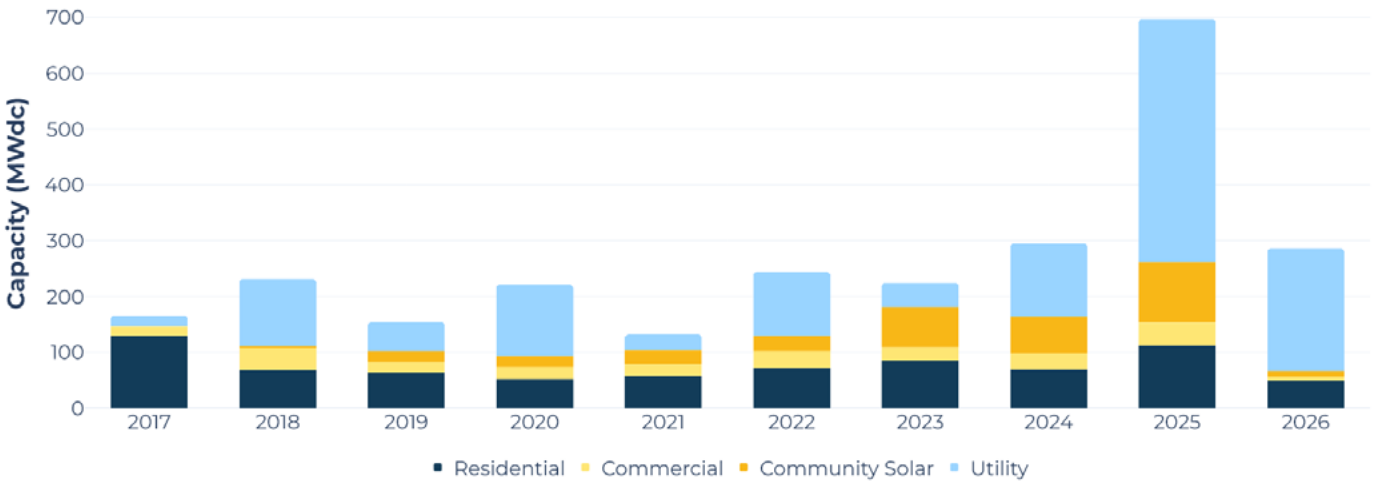
Growth Projection Over the Next 5 Years
2.6 GW
Ranks 28th

8.77%
of MD electricity is from solar

Enough Solar to Power
408,386
MD Homes

6.50%
of MD homes have solar

Maryland Annual Solar Installations



MD SOLAR State Spotlight

22nd for total installed solar capacity

4,938 solar jobs across the state

COMMUNITY IMPACT

Solar Panels Bring New Life to Former Maryland Superfund Site



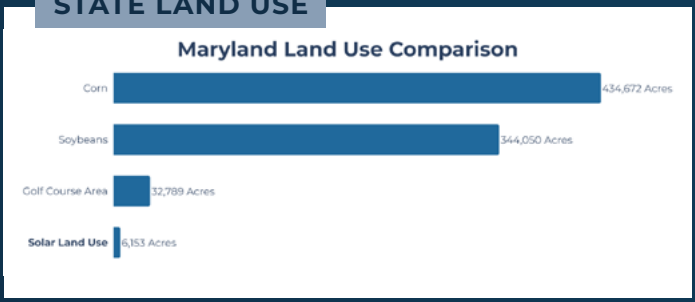
One of the most contaminated pieces of land in Maryland was not safe enough to facilitate much development, but a solar installation was possible. Fifteen hundred panels on the site are helping lower costs for 100 low to moderate income families.

Baltimore School Installation Cuts Low Income Resident Bills

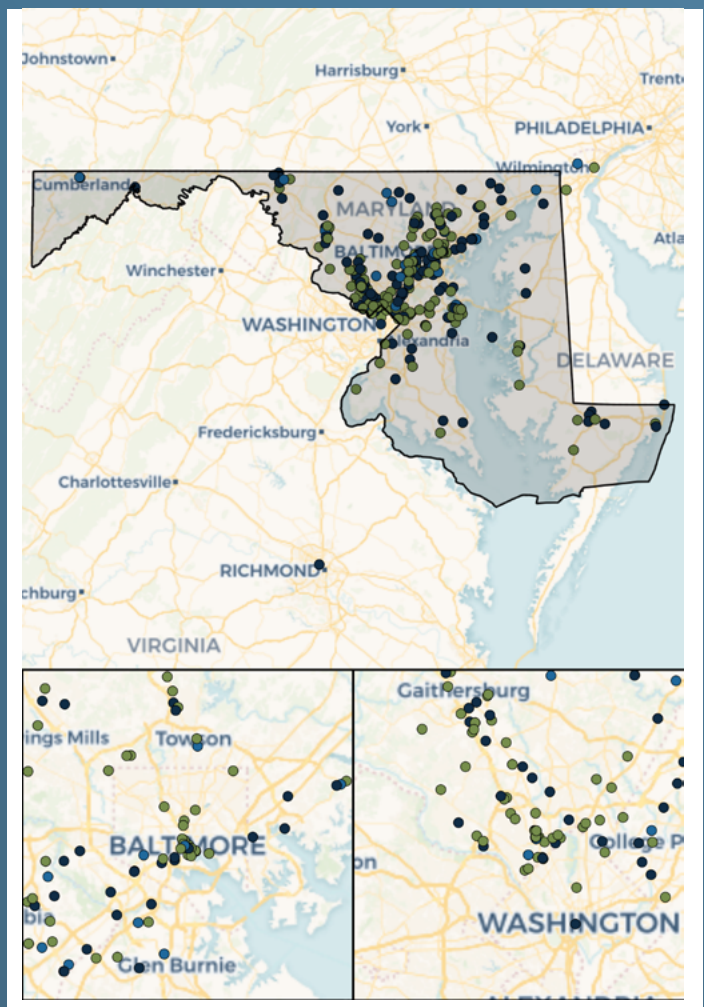


The 1,600 solar panels sitting on the rooftop of Henerdon Hopkins school in Baltimore are generating 20 to 25 percent savings on electric bills for 150 low to moderate income families.

STATE LAND USE



200 Solar + Storage Companies in MD



17 Manufacturers
100 Developers
83 Other Companies

Reference data: **seia.org/states**
November 2026

SEIA Solar Energy Industries Association®