

WV SOLAR

State
Spotlight



RANKINGS

43rd

for total installed solar capacity

CAPACITY

44th

Residential

41st

Utility

47th

Non-Residential DG

PER CAPITA

39th

Residential

37th

Utility

44th

Non-Residential DG



Total Solar Installed
383 MW

173 MW in 2025

394

Solar Jobs

Ranks 48th

WV Solar Market Value

\$605M

\$261M Invested in 2025

Total Utility-Scale Storage Installed

0 MWh

Powered by

18

Solar Companies

Growth Projection Over the Next 5 Years

1.5 GW

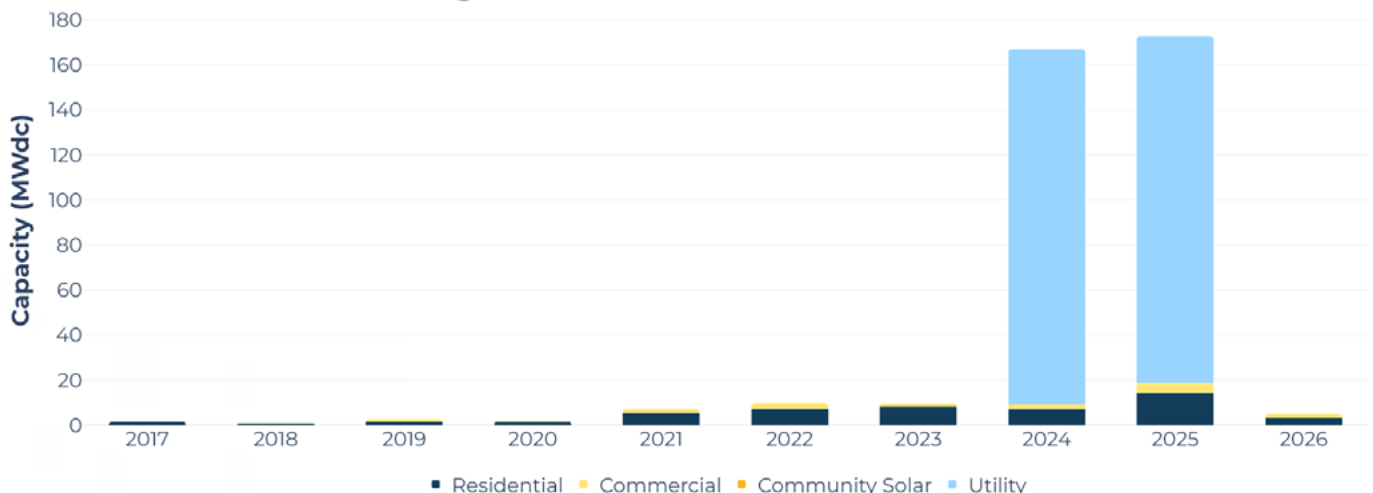
Ranks 38th

0.68%
of WV electricity is from solar

Enough Solar to Power
37,963
WV Homes

0.81%
of WV homes have solar

West Virginia Annual Solar Installations



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43rd for total installed solar capacity

394 solar jobs across the state

COMMUNITY IMPACT

Solar Project Provides Power at Former Ash Landfill



A new solar project in Berkeley County used 54 union workers to install a 5.8 MW solar array on a former coal ash landfill. This allows the previously unusable land to provide cheap electricity to thousands of West Virginia homes.

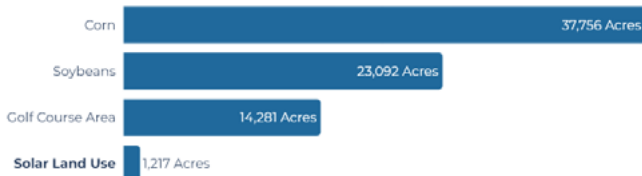
Sheep Maintain Vegetation at Solar Site in Madsville



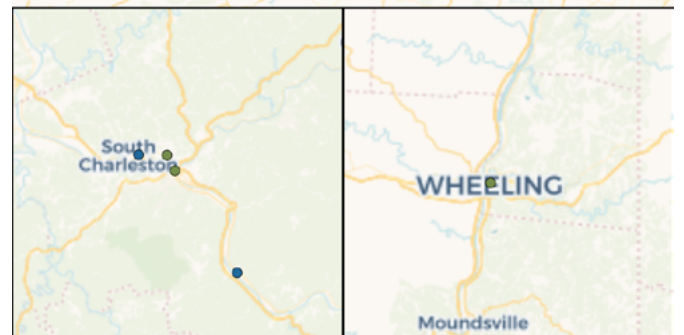
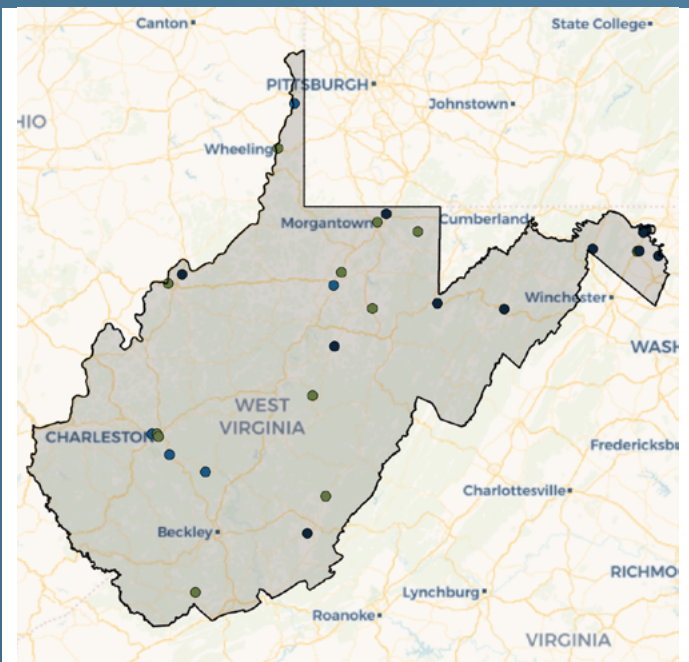
An 18.9 MW solar array in Madsville is combining agriculture and energy by allowing sheep to graze underneath the solar panels. The 350 sheep graze under the site, managing the vegetation under the panels and providing income for a local farmer.

STATE LAND USE

West Virginia Land Use Comparison



18 Solar + Storage Companies in WV



5 Manufacturers
8 Developers
5 Other Companies