

STATE SOLAR *spotlight*

West Virginia

Ranks **48th**
for total installed solar capacity

Total solar installed (MW)

166.59

9.4 MW in 2023

Growth projection over the next 5 years (MW)

887.83

Ranks 42nd



Solar jobs in the state¹

395

Ranked 47th in 2023



Enough solar installed to power

17,298
homes

Percentage of state's electricity from solar²

0.25%



19

solar companies are currently operating in West Virginia



3

manufacturers



10

installers/developers



6

other companies

Value of the state solar market

\$253
million

\$29 million invested in 2023

Price decline over the last ten years

43%

West Virginia Annual Solar Installations



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More information about solar energy West Virginia

- Toyota has gone solar in West Virginia, with its 2.5 MW project in Buffalo being one of the largest corporate projects in the state.

Solar Companies in West Virginia



References

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

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

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

⁴SEIA, 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>