

# STATE SOLAR

spotlight

## West Virginia

Ranks  
**49th**  
for total installed  
solar capacity

Total solar installed (MW)

**38.31**

9.8 MW in 2023

Growth projection over  
the next 5 years (MW)

**605.21**

Ranks 44th



Solar jobs in the state<sup>1</sup>

**378**

Ranked 46th in 2023



Enough solar  
installed to power

**3,749**  
homes

Percentage of state's  
electricity from solar<sup>2</sup>

**0.08%**



**18**

solar companies are  
currently operating in  
West Virginia



**3**  
manufacturers



**10**  
installers/developers



**5**  
other companies

Value of the state solar market

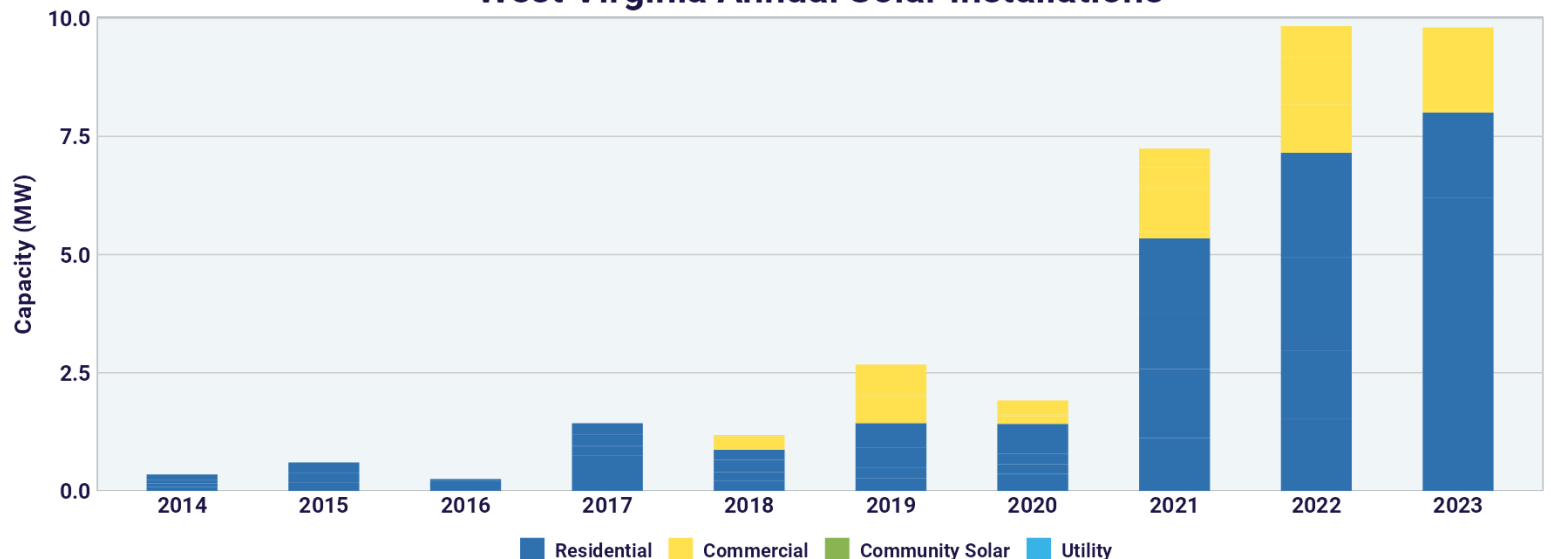
**\$114**  
million

\$30 million invested in 2023

Price decline over  
the last ten years

**47%**

### West Virginia Annual Solar Installations



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### More information about solar energy in West Virginia

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- 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.
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### 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>

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

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

<sup>3</sup>SEIA, National Solar Database: <https://www.seia.org/research-resources/national-solar-database>

<sup>4</sup>SEIA, Solar Project Tracker (includes Solar Means Business: <https://www.solarmeanbusiness.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>)