

STATE SOLAR

spotlight

Virginia

Ranks
9th
for total installed
solar capacity

Total solar installed (MW)

5,417.99

1,110.89 MW in 2023

Growth projection over
the next 5 years (MW)

8,313.80

Ranks 9th



Solar jobs in the state¹

4,753

Ranked 16th in 2023



Enough solar
installed to power

644,448
homes

Percentage of state's
electricity from solar²

6.67%



232

solar companies are
currently operating in
Virginia



33
manufacturers



93
installers/developers



106
other companies

Value of the state solar market

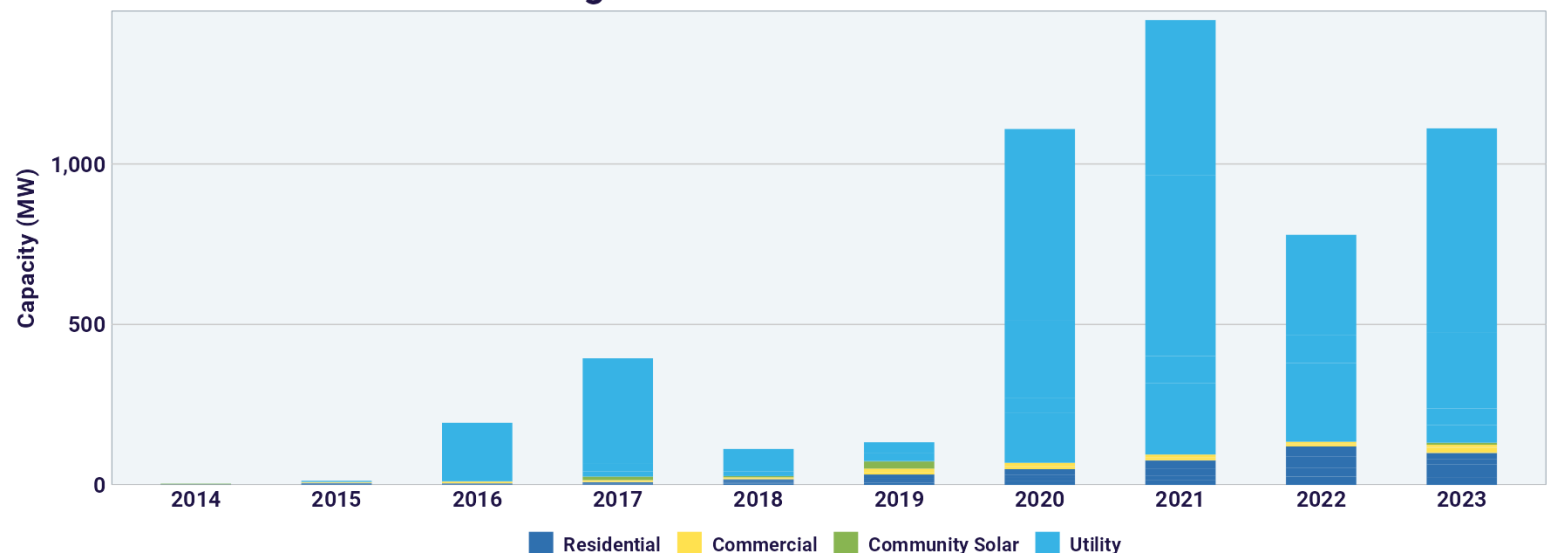
\$6.4
billion

\$1.4 billion invested in 2023

Price decline over
the last ten years

43%

Virginia Annual Solar Installations



STATE SOLAR *spotlight*

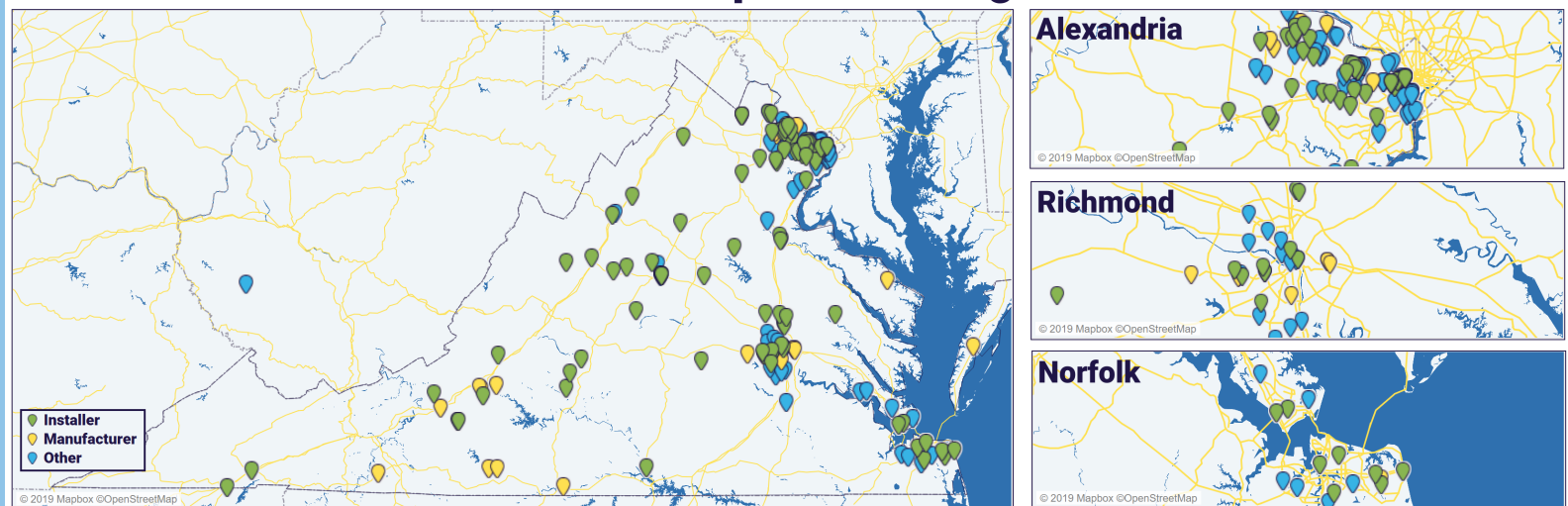
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More information about solar energy in Virginia

- Pleinmont Solar in Spotsylvania was developed by sPower and came online in 2020-2021. This 393.6 MW project produces enough electricity to power 44866 homes.
- Meta, Amazon, and Microsoft have all gone solar in Virginia. Amazon's 191 MW Solar Farm in Disuptanta is one of the largest corporate solar projects in the state.
- At 210.9 MW, Colonial Trail West in Spring Grove is among the largest solar installations in Virginia. Completed by Urban Grid in 2019, this solar project has enough electric capacity to power more than 24040 homes.

Solar Companies in 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>

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

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>)