

STATE SOLAR

spotlight

Virginia

Ranks
9th
for total installed
solar capacity

Total solar installed (MW)

4,286

525 MW in 2022

Growth projection over
the next 5 years (MW)

5,757

Ranks 9th



Solar jobs in the state¹

4,791

Ranked 16th in 2021



Enough solar
installed to power

476,108
homes

Percentage of state's
electricity from solar²

5.56%



208

solar companies are
currently operating in
Virginia³



29
manufacturers



91
installers/developers



88
other companies

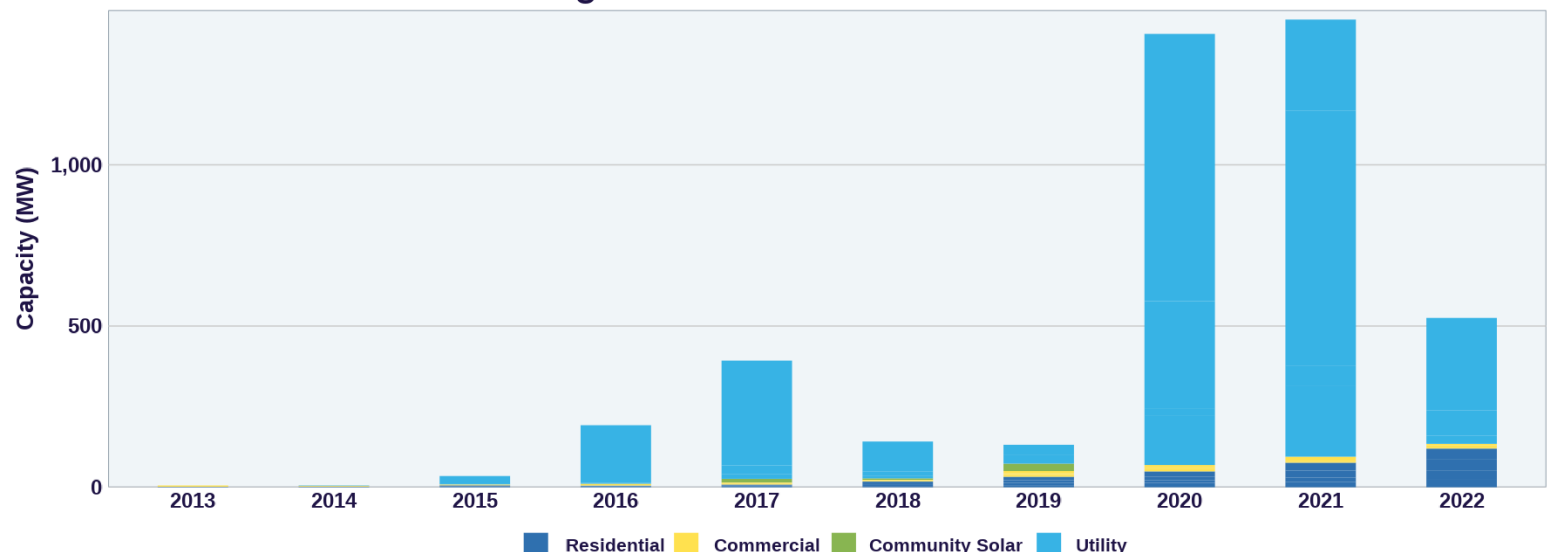
Value of the
state solar
market **\$4.8**
billion

with \$787
million invested in 2022

Price decline over
the last ten years

53%

Virginia Annual Solar Installations



STATE SOLAR *spotlight*

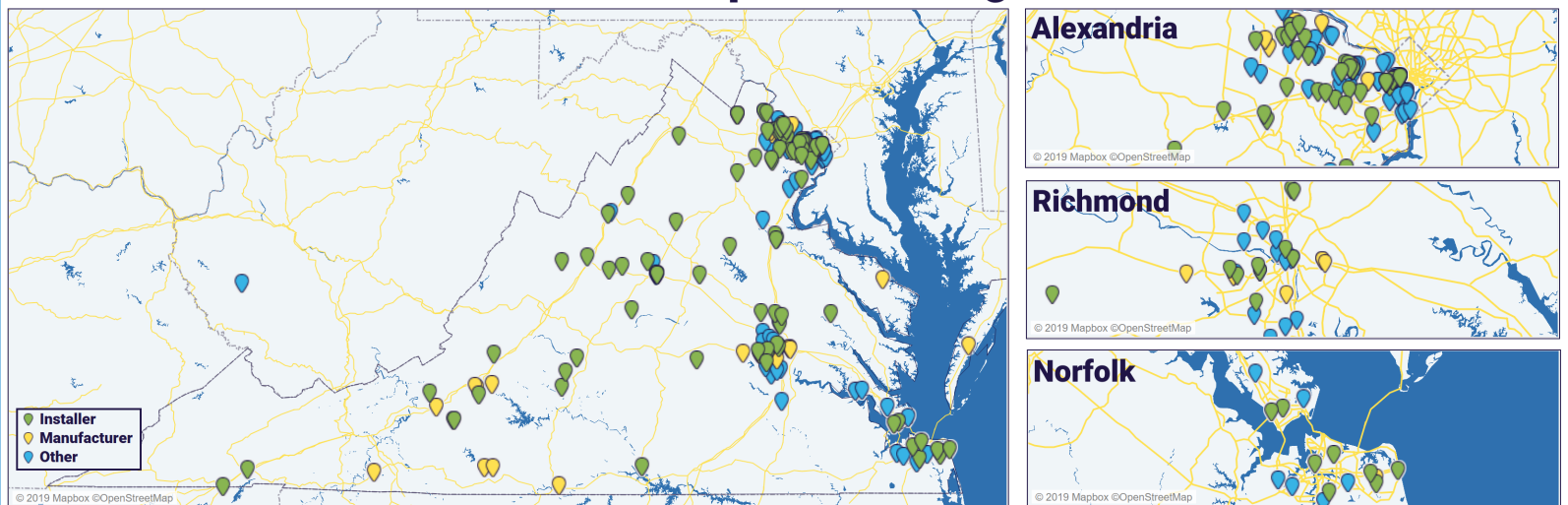
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More information about solar energy in Virginia⁴

- 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 2021: <https://irecusa.org/resources/national-solar-jobs-census-2021/>

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>