

Virginia

Key Figures

Total Solar Installed

3,789.69 MW

1,450.46 MW in 2021

National Ranking

10th

Ranks 4th in 2021

Solar Jobs¹

4,312

Ranks 16th in 2020

Growth Projection

4,135.37 MW over the next 5 years

Ranks 9th



Enough solar installed to power:
427,610 homes



Percentage of state's electricity from solar:²
4.31%



Price decline over the last ten years:
50%

There are 179 solar companies operating in Virginia.³



25
Manufacturers



72
Installers/
Developers

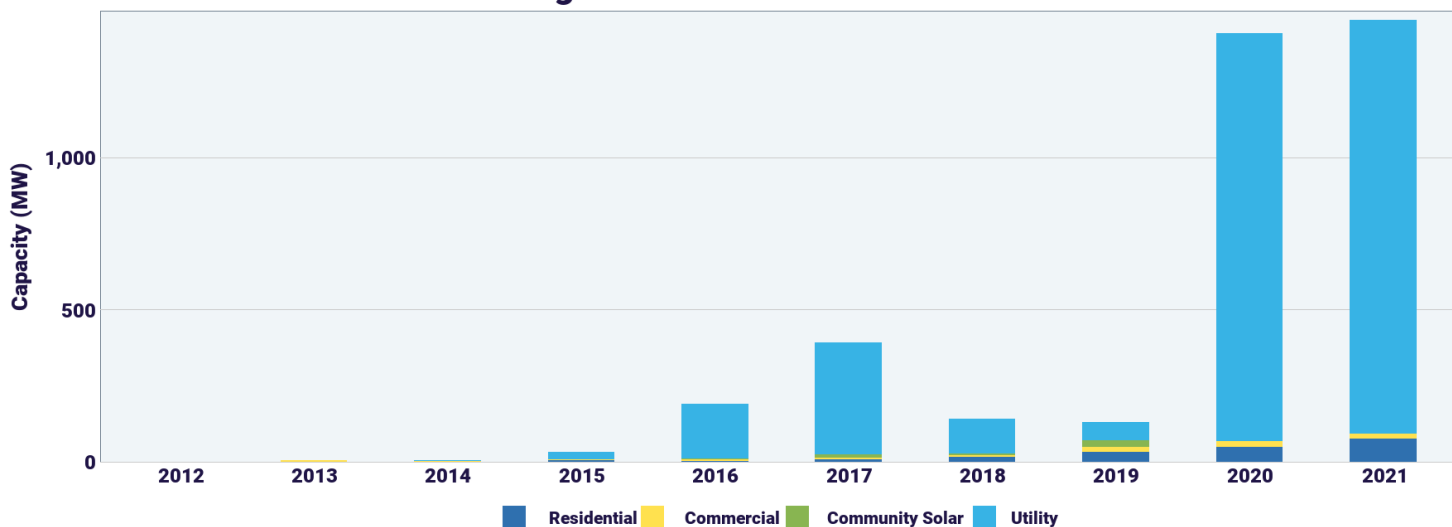


82
Others



The solar industry has invested \$4,237.35 million in Virginia, including \$1,539.37 million in 2021

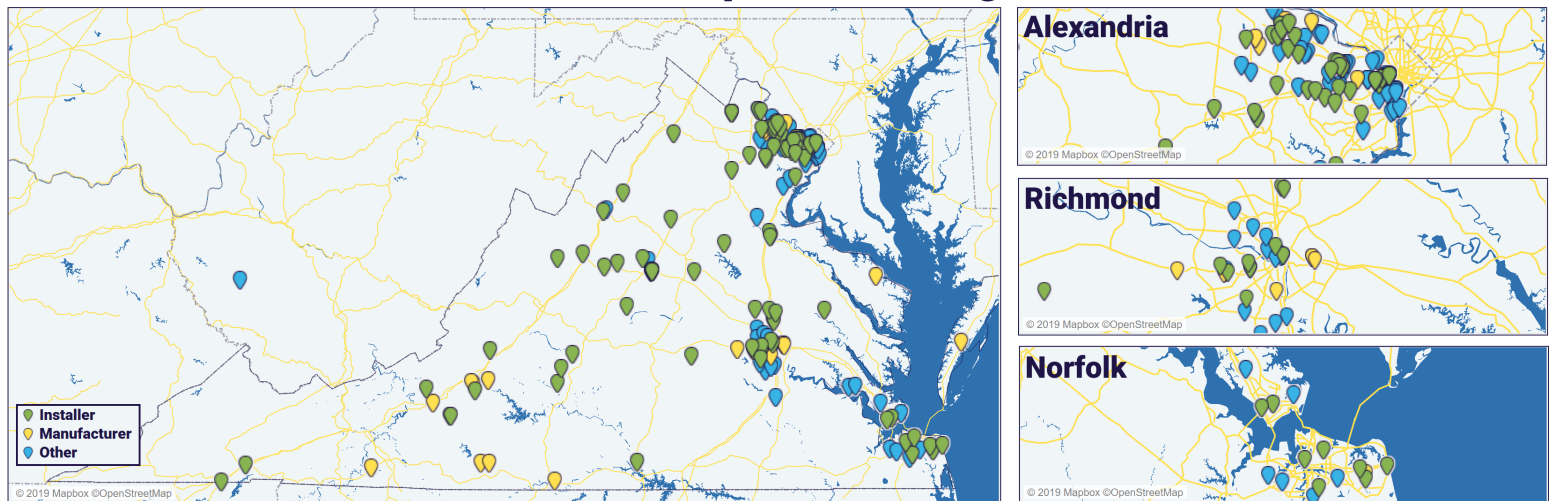
Virginia Annual Solar Installations



More information about solar energy in Virginia⁴

- Southampton Solar, LLC has the capacity to generate 100.0 MW of electricity -- enough to power over 10,868 Virginia homes.
- IKEA is one of the first major corporations to go solar in Virginia with its 0.504 MW IKEA Woodbridge project in Woodbridge.
- At 90 MW, Eastern Shore Solar, LLC in Oak Hall is among the largest solar installations in Virginia. Completed in 2016 by Dominion Renewable Energy, this photovoltaic project has enough electric capacity to power more than 9,781 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 2020: <https://www.seia.org/research-resources/national-solar-jobs-census-2020>

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>

The Solar Energy Industries Association® (SEIA) is leading the transformation to a clean energy economy, creating the framework for solar to achieve 30% of U.S. electricity generation by 2030. SEIA works with its 1,000 member companies and other strategic partners to fight for policies that create jobs in every community and shape fair market rules that promote competition and the growth of reliable, low-cost solar power. Founded in 1974, SEIA is the national trade association for the solar and solar + storage industries, building a comprehensive vision for the Solar+ Decade through research, education and advocacy.