

North Carolina

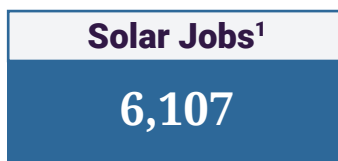
Key Figures



844.36 MW in 2021



Ranks 8th in 2021



Ranks 11th in 2020



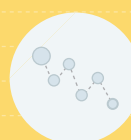
Ranks 18th



Enough solar installed to power:
942,492 homes



Percentage of state's electricity from solar:²
8.20%



Price decline over the last ten years:
50%

There are **213** solar companies operating in North Carolina.³



39
 Manufacturers



84
 Installers/
 Developers

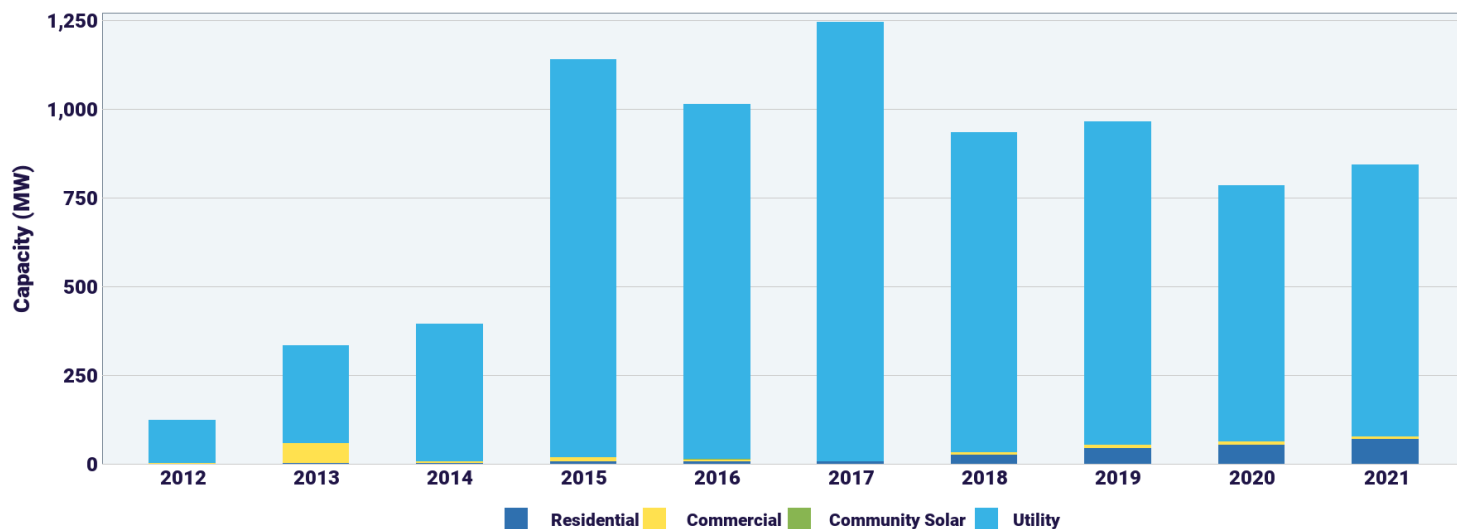


90
 Others



The solar industry has invested **\$10,747.05 million** in North Carolina, including **\$946.55 million** in 2021

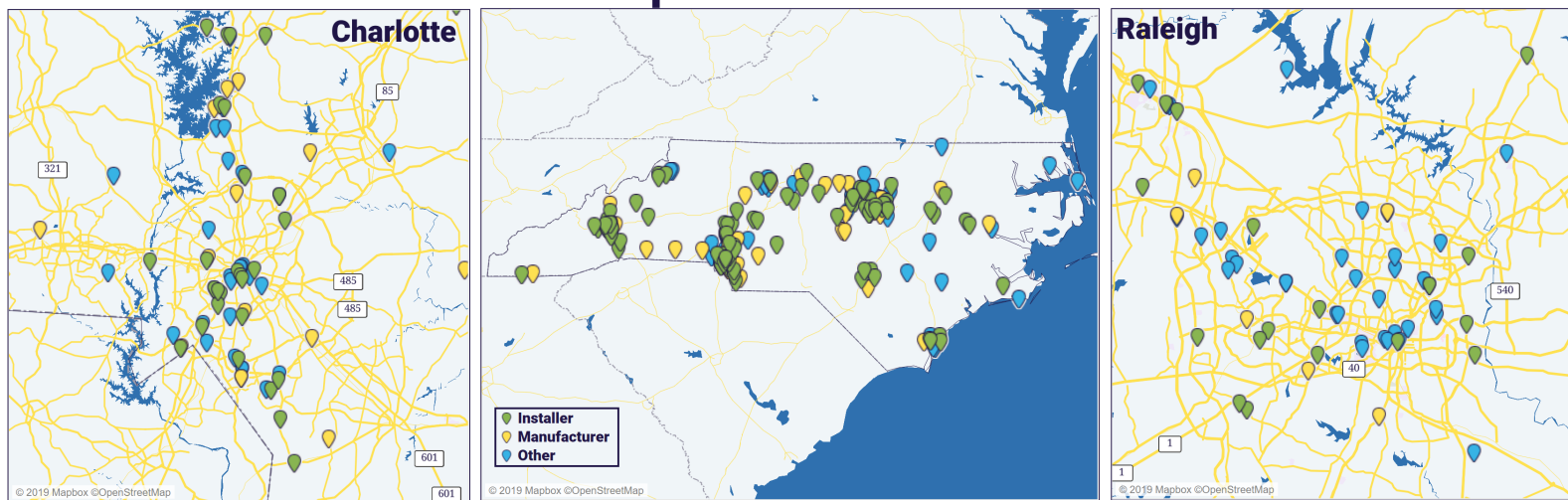
North Carolina Annual Solar Installations



More information about solar energy in North Carolina⁴

- Innovative Solar 37 has the capacity to generate 80.0 MW of electricity -- enough to power over 9,141 North Carolina homes.
- Apple is one of the first major corporations to go solar in North Carolina with its 25 MW project in Maiden.
- At 27 MW, Monroe Solar Facility is among the largest solar installations in North Carolina. Completed in 2017 by Duke Energy Carolinas, this photovoltaic project has enough electric capacity to power more than 3,119 homes.

Solar Companies in North Carolina



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.