North Carolina

Key Figures

- **Total Solar Installed**: 7,228.37 MW (786.17 MW in 2020)
- **National Ranking**: 4th
  - Ranks 5th in 2020
- **Solar Jobs**: 6,107
  - Ranks 11th in 2020
- **Growth Projection**: 2,595.53 MW over the next 5 years
  - Ranks 14th

- Enough solar installed to power: **846,689 homes**
- Percentage of state's electricity from solar: **7.81%**
- Price decline over the last five years: **36%**

There are **257** solar companies operating in North Carolina.

- **44** Manufacturers
- **104** Installers/Developers
- **109** Others

The solar industry has invested **$9,817.56 million** in North Carolina, including **$808.09 million** in 2020.

**North Carolina Annual Solar Installations**

- Residential
- Commercial
- Community Solar
- Utility

Learn more at www.seia.org/states September 14, 2021
More information about solar energy in North Carolina

- 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.

References

All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: https://www.seia.org/smi


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

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