

## North Carolina

### Key Figures

#### Total Solar Installed

**7,037.79 MW**

784.50 MW in 2020

#### National Ranking

**3rd**

Ranks 5th in 2020

#### Solar Jobs<sup>1</sup>

**6,617**

Ranks 11th in 2019

#### Growth Projection

**3,242.08 MW over the next 5 years**

Ranks 9th



Enough solar installed to power:  
**848,469 homes**



Percentage of state's electricity from solar:<sup>2</sup>  
**7.5%**



Price decline over the last five years:  
**45%**

**There are 216 solar companies operating in North Carolina.<sup>3</sup>**



**35**  
Manufacturers



**88**  
Installers/  
Developers

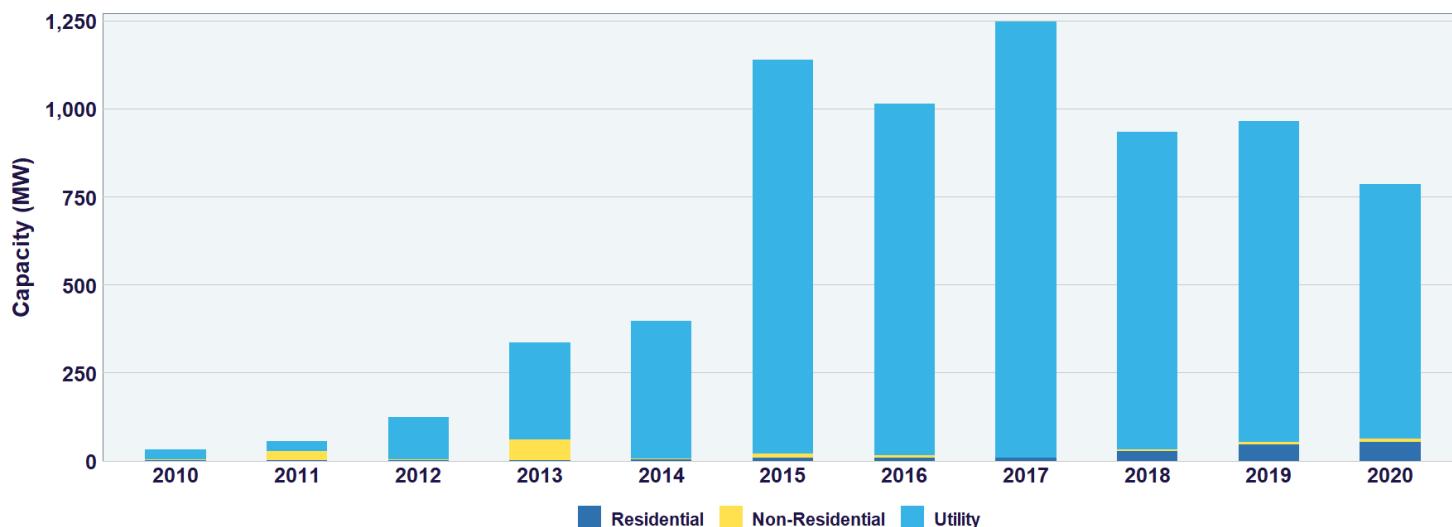


**93**  
Others



**The solar industry has invested \$9,560.87 million in North Carolina, including \$783.05 million in 2020**

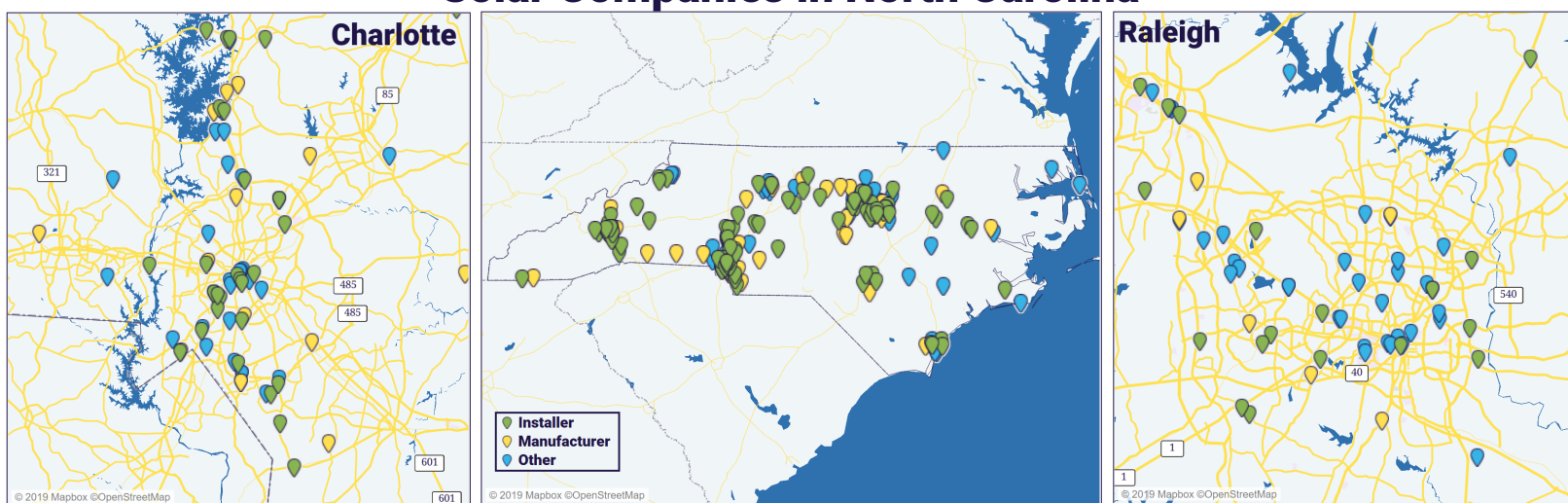
North Carolina Annual Solar Installations



## More information about solar energy in North Carolina<sup>4</sup>

- 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<sup>®</sup> unless otherwise noted: <https://www.seia.org/smi>

<sup>1</sup>The Solar Foundation, State Solar Jobs Census: <https://www.thesolarfoundation.org/solar-jobs-census/states/>

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

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

<sup>4</sup>SEIA, 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<sup>®</sup>) is the driving force behind solar energy and is building a strong solar industry to power America through advocacy and education. As the national trade association of the U.S. solar energy industry, which now employs more than 250,000 Americans, we represent all organizations that promote, manufacture, install and support the development of solar energy. SEIA works with its 1,000 member companies to build jobs and diversity, champion the use of cost-competitive solar in America, remove market barriers and educate the public on the benefits of solar energy.