

# STATE SOLAR

spotlight

## North Carolina

Ranks  
**4th**  
for total installed  
solar capacity

Total solar installed (MW)

**9,573.67**

874.97 MW in 2023

Growth projection over  
the next 5 years (MW)

**2,812.13**

Ranks 22nd



Solar jobs in the state<sup>1</sup>

**7,072**

Ranked 11th in 2023



Enough solar  
installed to power

**1,183,679**  
homes

Percentage of state's  
electricity from solar<sup>2</sup>

**9.32%**



**259**

solar companies are  
currently operating in  
North Carolina



**40**  
manufacturers



**102**  
installers/developers



**117**  
other companies

Value of the state solar market

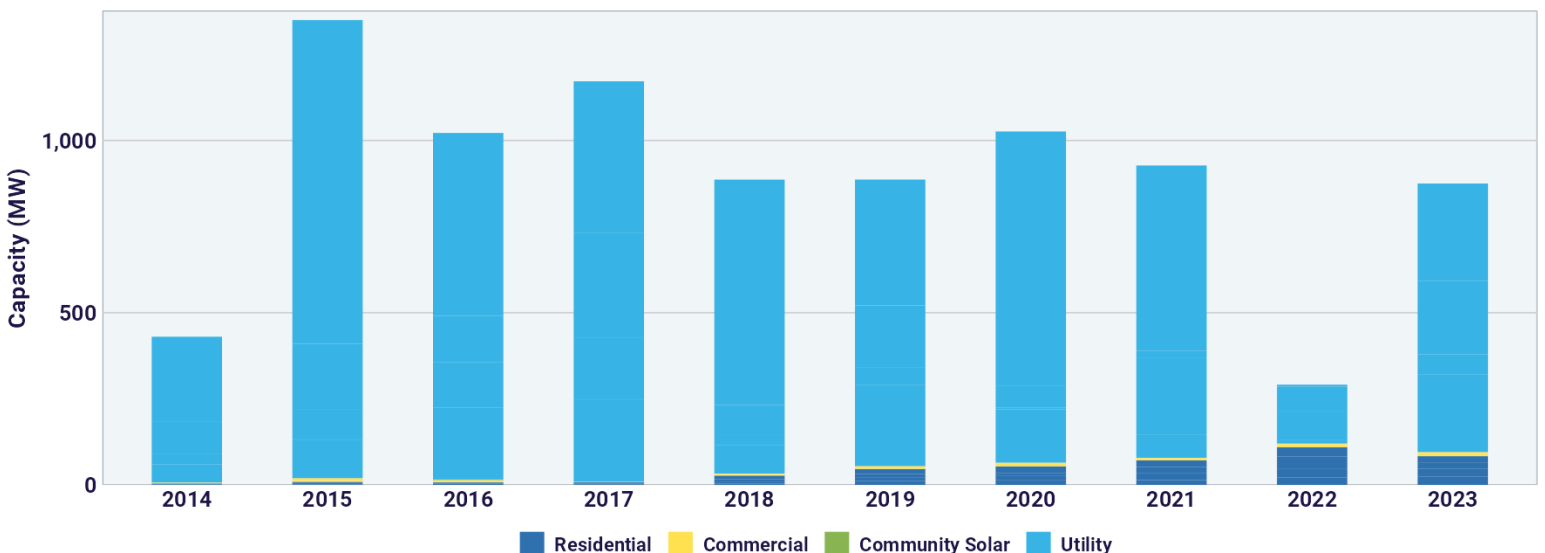
**\$13.1**  
billion

\$1.1 billion invested in 2023

Price decline over  
the last ten years

**43%**

North Carolina Annual Solar Installations



# STATE SOLAR *spotlight*

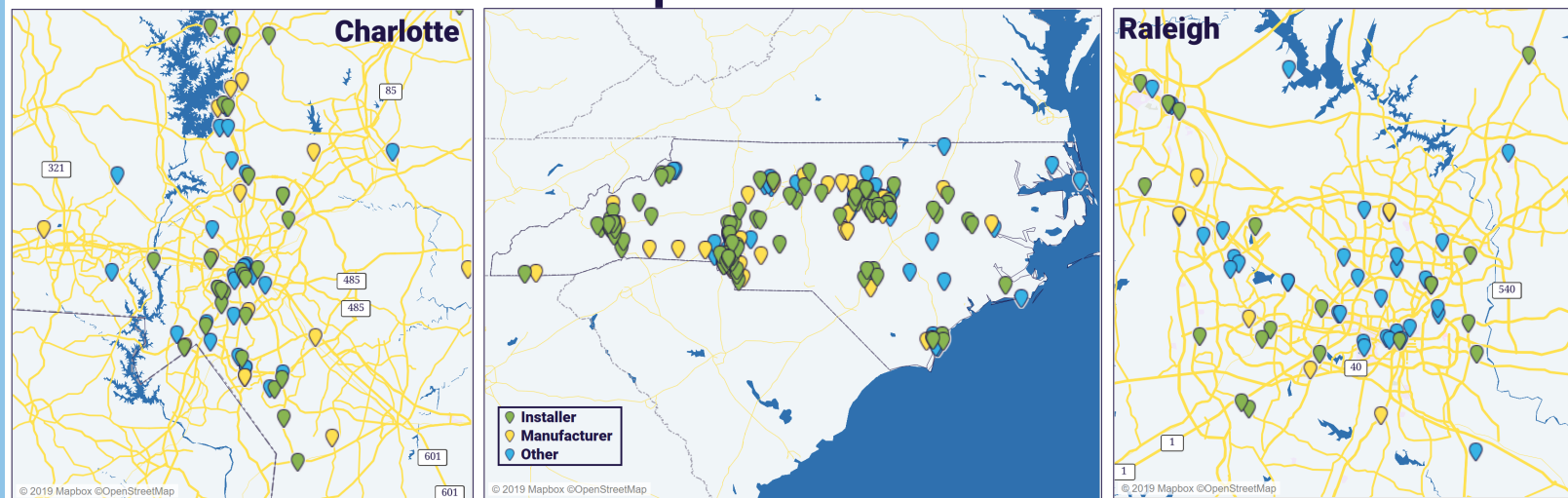
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### More information about solar energy in North Carolina

- Albermarle Beach Solar in Roper was developed by SunEnergy and came online in 2020. This 150.6 MW project produces enough electricity to power 17988 homes.
- Meta, Fifth Third Bank and Starbucks have all gone solar in North Carolina. Meta's 119 MW Gutenberg project in Garysburg is one of the largest solar projects in the state.
- At 134 MW, Fern Solar in Battleboro is among the largest solar installations in North Carolina. Completed by BayWa r.e. in 2020, this solar project has enough electric capacity to power more than 16005 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>

<sup>1</sup>National Solar Jobs Census 2023: <https://irecusa.org/programs/solar-jobs-census/>

<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.solarmeanbusiness.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>