

STATE SOLAR

spotlight

South Carolina

Ranks
16th
for total installed
solar capacity

Total solar installed (MW)

2,544.44

229.87 MW in 2023

Growth projection over
the next 5 years (MW)

2,067.95

Ranks 25th



Solar jobs in the state¹

3,393

Ranked 24th in 2023



Enough solar
installed to power

314,240
homes

Percentage of state's
electricity from solar²

3.29%



82

solar companies are
currently operating in
South Carolina



21
manufacturers



32
installers/developers



29
other companies

Value of the state solar market

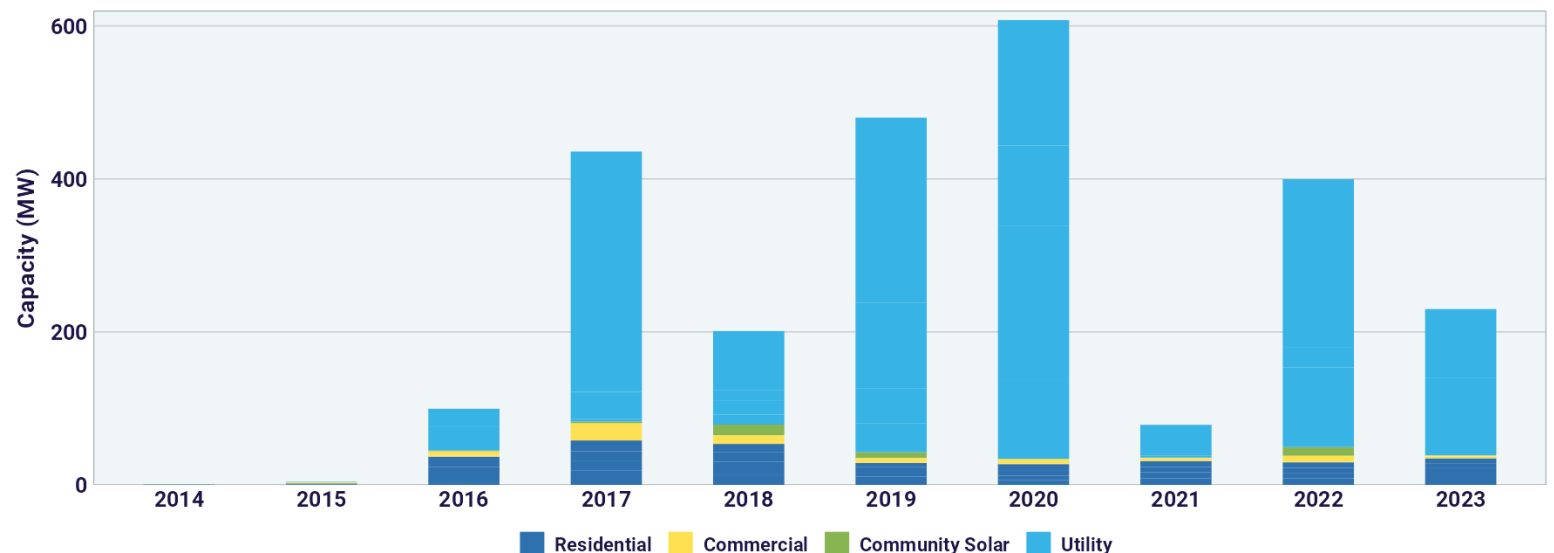
\$3.2
billion

\$318 million invested in 2023

Price decline over
the last ten years

47%

South Carolina Annual Solar Installations



STATE SOLAR *spotlight*

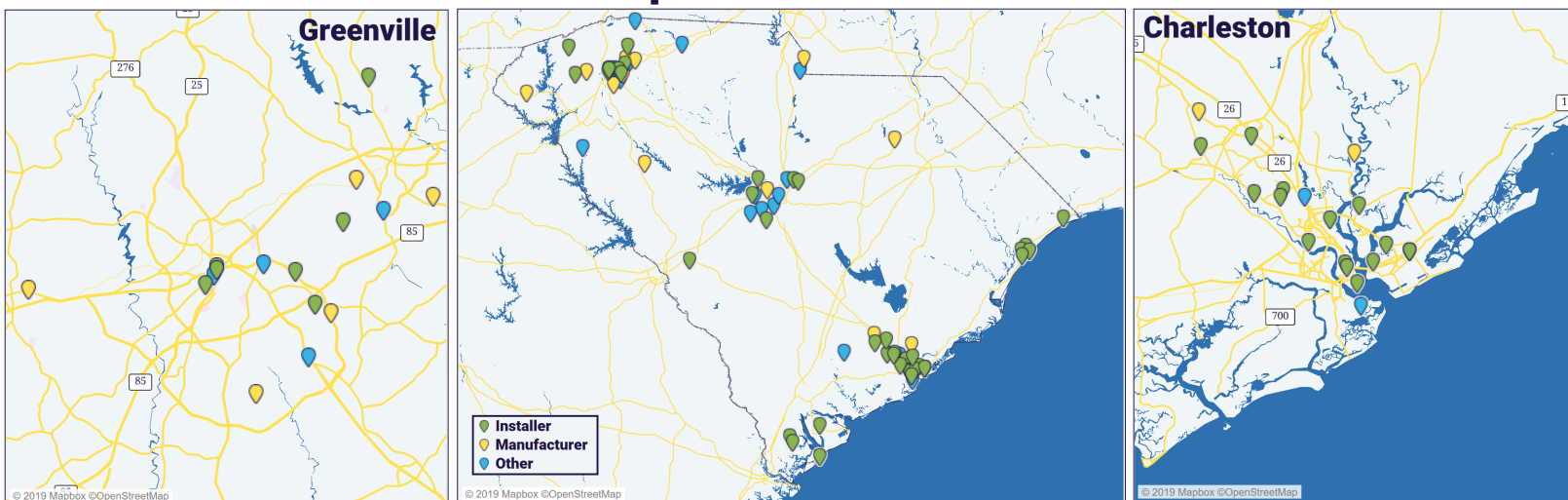
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More information about solar energy in South Carolina

- Shaw Creek Solar in Aiken was developed by NextEra and came online in 2019. This 108.6 MW project produces enough electricity to power 13146 homes.
- Solvay, Walmart, and Target have all gone solar in South Carolina. Solvay's 81 MW project in Ridgeland is the largest corporate solar project in the state.
- At 105.9 MW, Palmetto Plains in Bowman is among the largest solar installations in South Carolina. Completed by Cypress Creek Renewables in 2019, this solar project has enough electric capacity to power more than 12819 homes.

Solar Companies in South 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 2023: <https://irecusa.org/programs/solar-jobs-census/>

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.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>