

# STATE SOLAR *spotlight*

## South Carolina

Ranks  
**19th**  
for total installed  
solar capacity

Total solar installed (MW)

**2,589.29**

227.71 MW in 2023

Growth projection over  
the next 5 years (MW)

**2,598.57**

Ranks 24th



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

**3,472**

Ranked 24th in 2023



Enough solar  
installed to power

**312,417**  
homes

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

**3.50%**



**89**

solar companies are  
currently operating in  
South Carolina



**21**  
manufacturers



**37**  
installers/developers



**31**  
other companies

Value of the state solar market

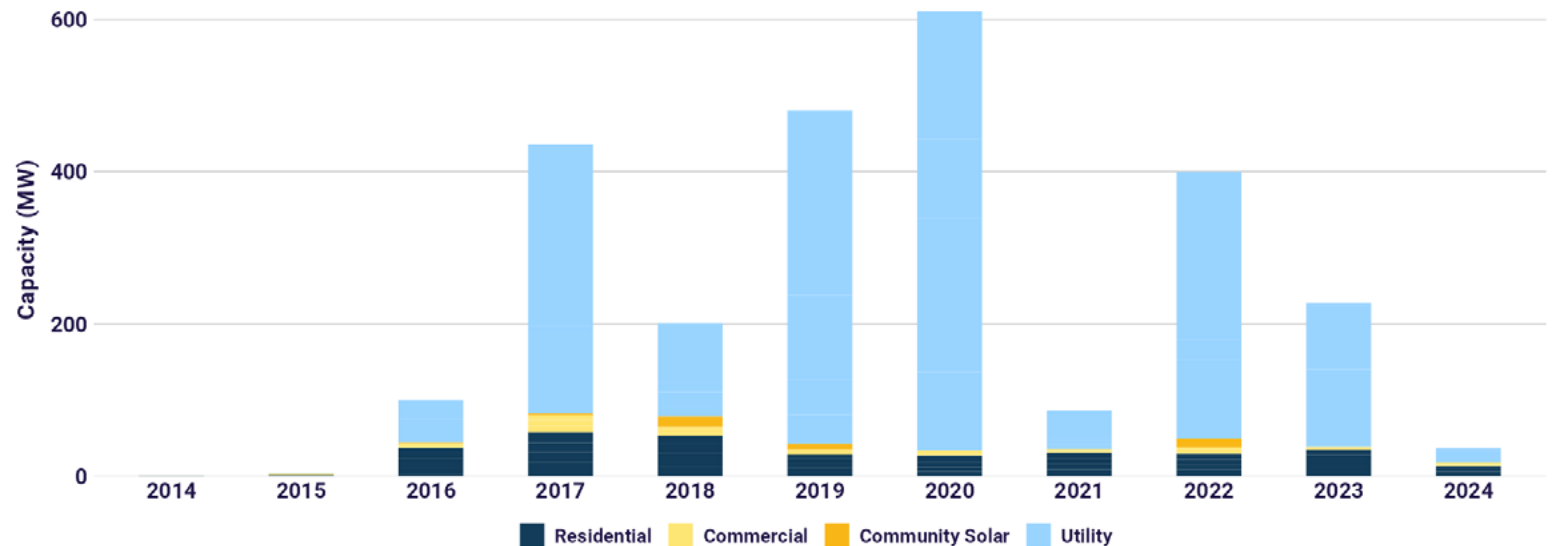
**\$3.3**  
billion

\$328 million invested in 2023

Price decline over  
the last ten years

**37%**

### South Carolina Annual Solar Installations



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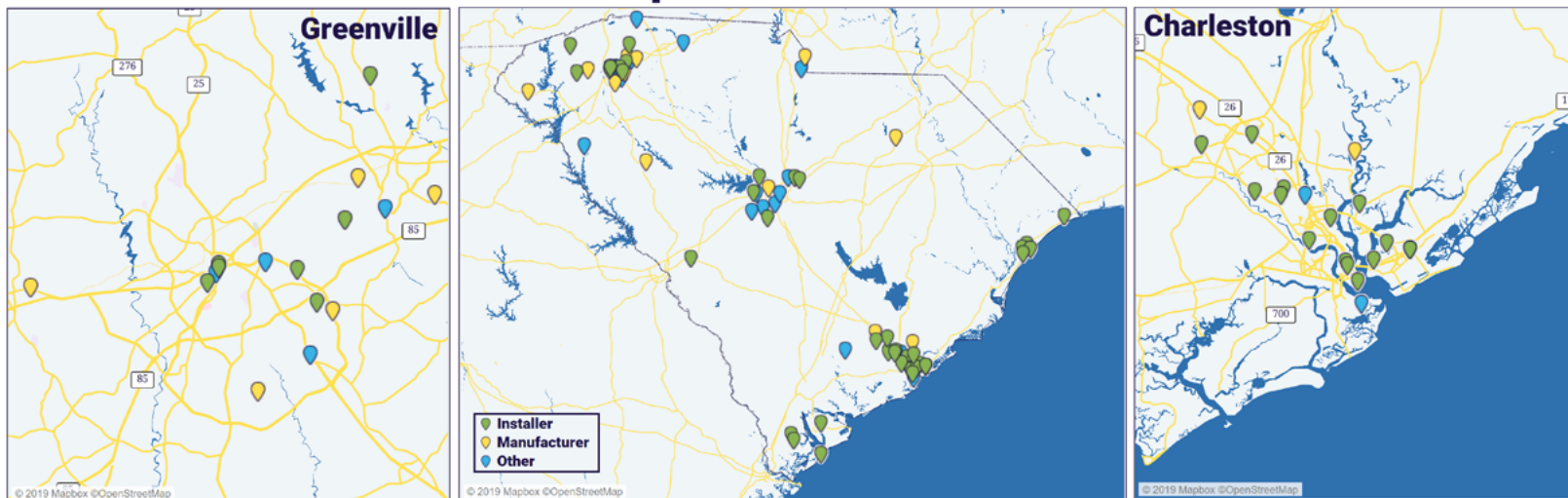
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### More information about solar energy South Carolina

- 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>

<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>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>