

## South Carolina

### Key Figures

#### Total Solar Installed

**2,044.50 MW**

142 MW in 2021

#### National Ranking

**14th**

Ranks 26th in 2021

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

**3,377**

Ranks 24th in 2021

#### Growth Projection

**1,456 MW over the next 5 years**

Ranks 32nd



Enough solar installed to power:

**239,383 homes**



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

**2.82%**



Price decline over the last ten years:

**53%**

There are **73** solar companies operating in South Carolina.<sup>3</sup>



**18**

Manufacturers



**31**

Installers/  
Developers



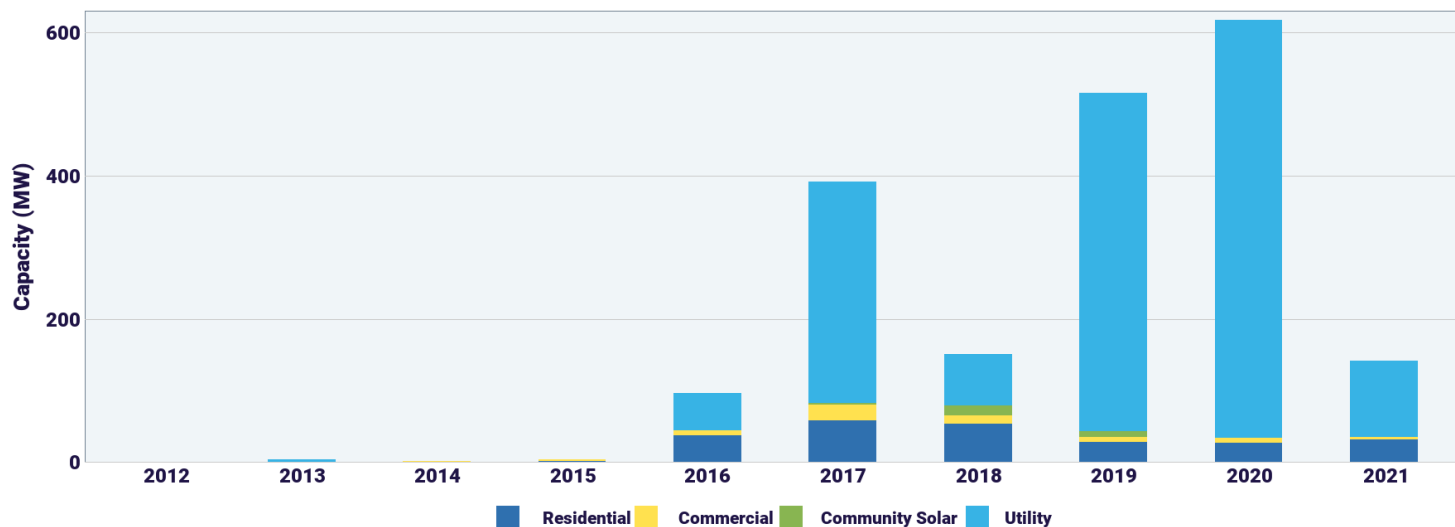
**24**

Others



The solar industry has invested **\$2.6 billion** in South Carolina, including **\$200 million** in 2021

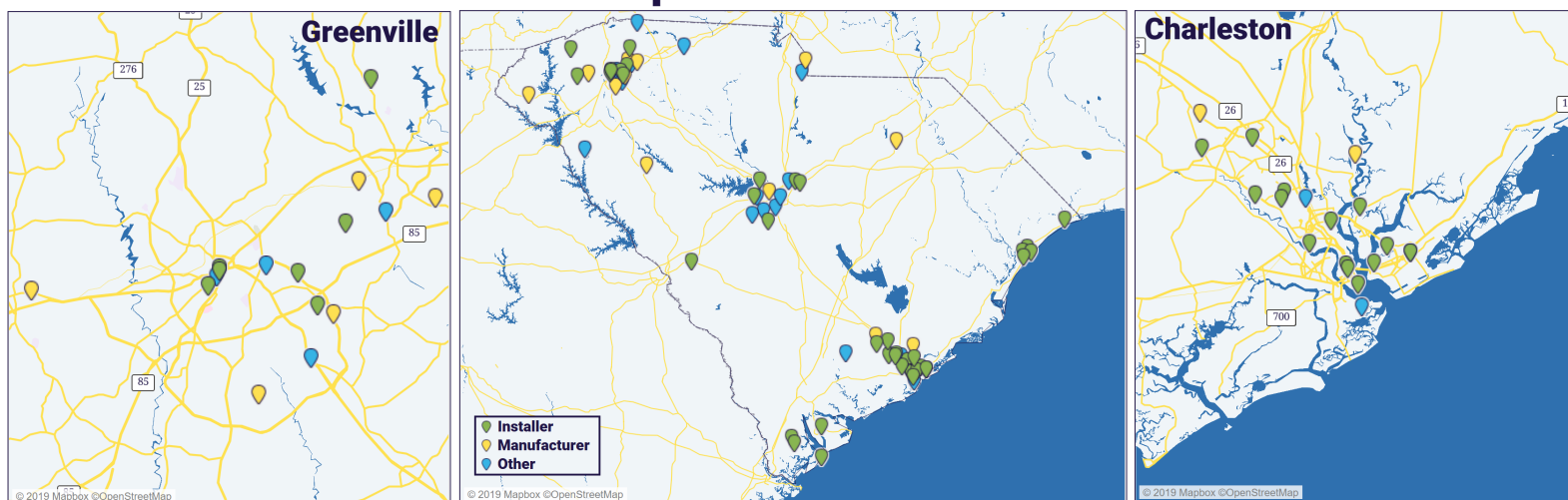
South Carolina Annual Solar Installations



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

- 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.
- Boeing is one of the first major corporations to go solar in South Carolina with its 2 MW project in North Charleston.
- 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<sup>®</sup> unless otherwise noted: <https://www.seia.org/smi>

<sup>1</sup>National Solar Jobs Census 2020: <https://www.seia.org/research-resources/national-solar-jobs-census-2020>

<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<sup>®</sup> (SEIA) is leading the transformation to a clean energy economy, creating the framework for solar to achieve 30% of U.S. electricity generation by 2030. SEIA works with its 1,000 member companies and other strategic partners to fight for policies that create jobs in every community and shape fair market rules that promote competition and the growth of reliable, low-cost solar power. Founded in 1974, SEIA is the national trade association for the solar and solar + storage industries, building a comprehensive vision for the Solar+ Decade through research, education and advocacy.