State Solar Spotlight

SEIA Solar Energy Industries Association®

South Carolina

Key Figures

Total Solar Installed	National Ranking	Solar Jobs[1]	Growth Projection
1,781.58 MW	13th	3,307	1,344.01 MW over the next 5 years
617.09 MW in 2020	Ranks 6th in 2020	Ranks 25th in 2019	Ranks 26th

Enough solar installed to power: **209,240 homes**

Percentage of state's electricity from solar:[2] **2.2%**

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

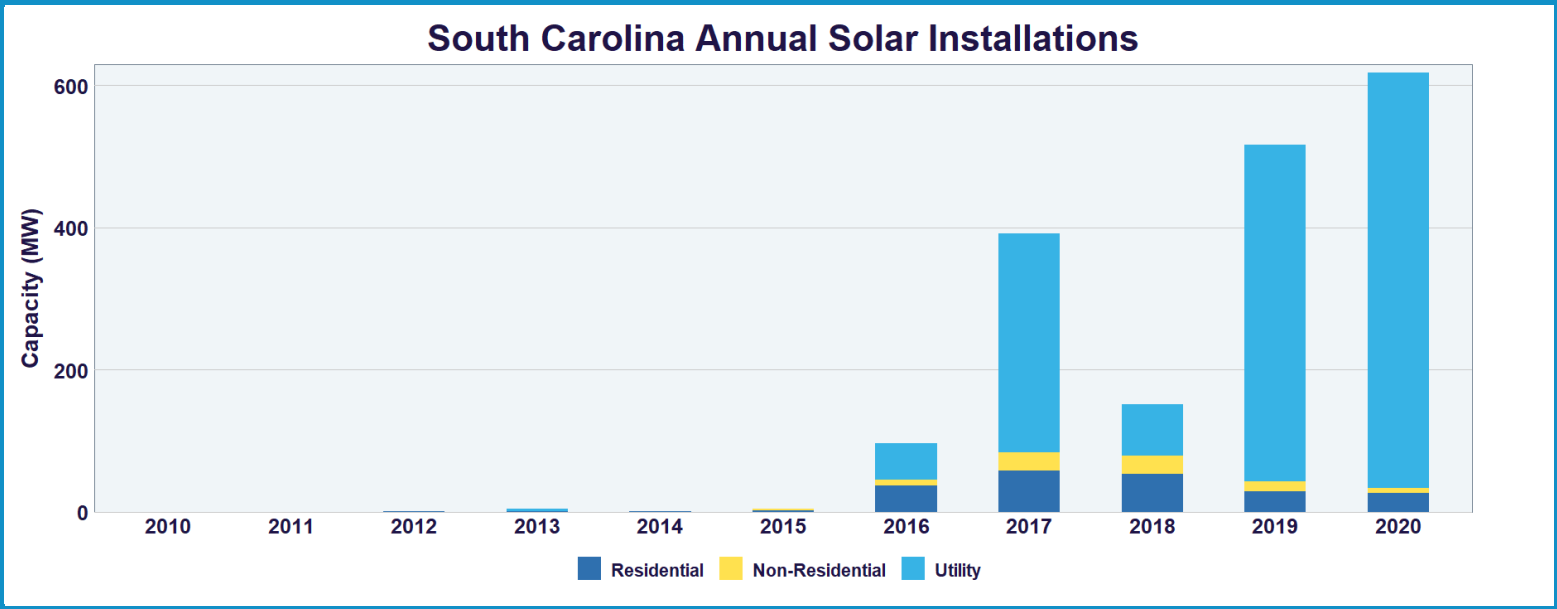
There are 66 solar companies operating in South Carolina.[3]

17 Manufacturers

32 Installers/ Developers

17 Others

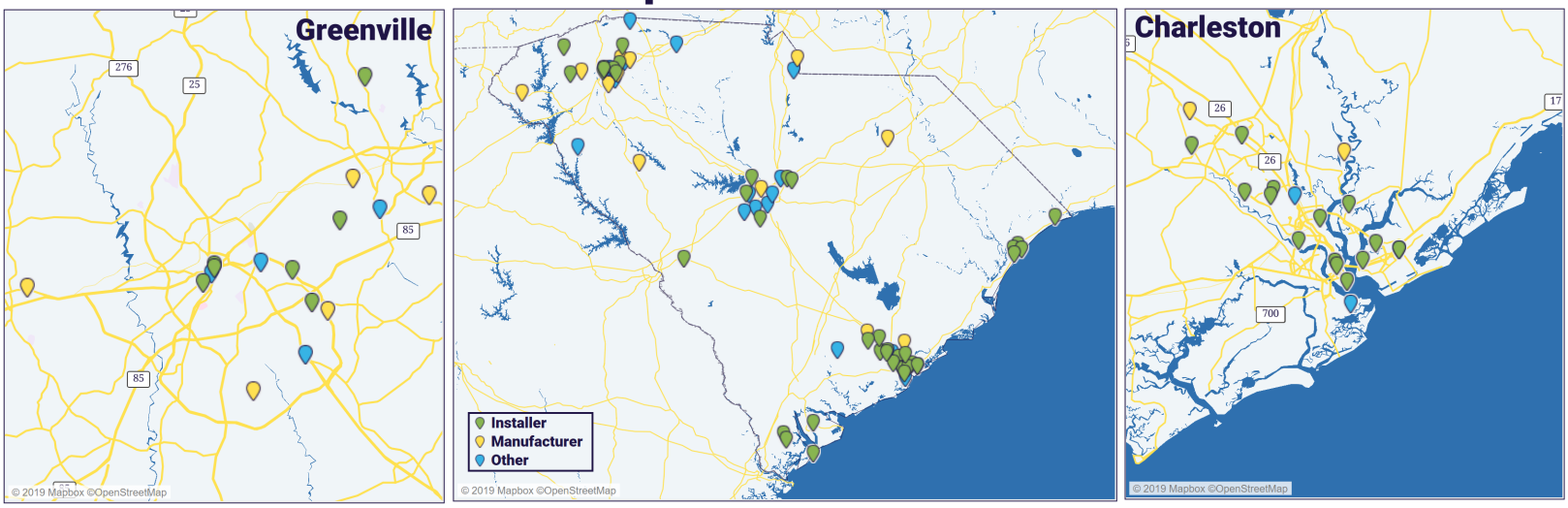
The solar industry has invested $2,203.38 million in South Carolina, including $592.07 million in 2020



More information about solar energy in South Carolina[4]

- Moffett Solar Project has the capacity to generate 71.4 MW of electricity -- enough to power over 7,834 South Carolina homes.
- Boeing is one of the first major corporations to go solar in South Carolina with its 2 MW project in North Charleston.
- At 10 MW, Ridgeland Solar Project is among the largest solar installations in South Carolina. Completed in 2017, this photovoltaic project has enough electric capacity to power more than 1,097 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

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

[2]Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

[3]SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database

[4]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®) 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.