

NC SOLAR

State Spotlight



RANKINGS

5th
for total installed solar capacity

CAPACITY		
18th Residential	4th Utility	26th Non-Residential DG
PER CAPITA		
33rd Residential	8th Utility	35th Non-Residential DG



Total Solar Installed
10.1 GW
400 MW in 2025

7,500
Solar Jobs
Ranks 11th

NC Solar Market Value
\$15.3B
\$671M Invested in 2025

Total Utility-Scale Storage Installed
0 MWh

Powered by
254
Solar Companies

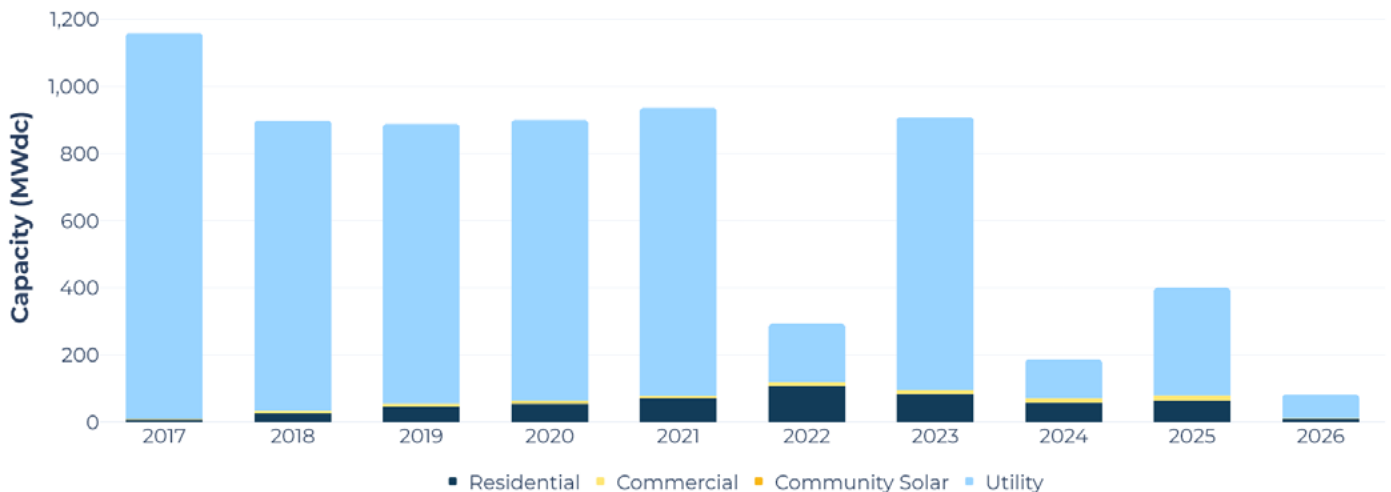
Growth Projection Over the Next 5 Years
3.3 GW
Ranks 25th

10.10%
of NC electricity is from solar

Enough Solar to Power
1,219,084
NC Homes

1.90%
of NC homes have solar

North Carolina Annual Solar Installations



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7,500 solar jobs across the state

COMMUNITY IMPACT

Appalachian Communities Turn to Solar for Storm Resilience



Following Hurricane Helene, Yancey County received a solar generator at a local church to provide power. The solar generator continues to deliver for the community, allowing a man to call for air medical services during an emergency.

Former Airport Home to Powerful Solar Field



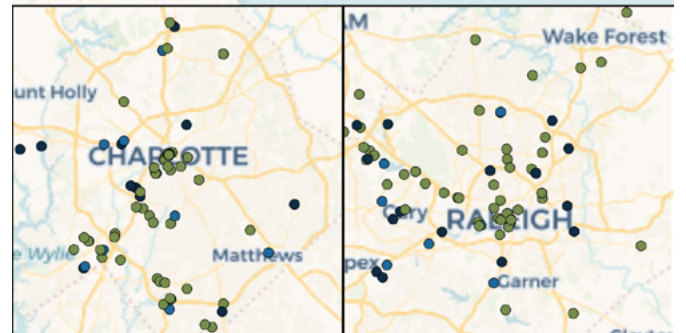
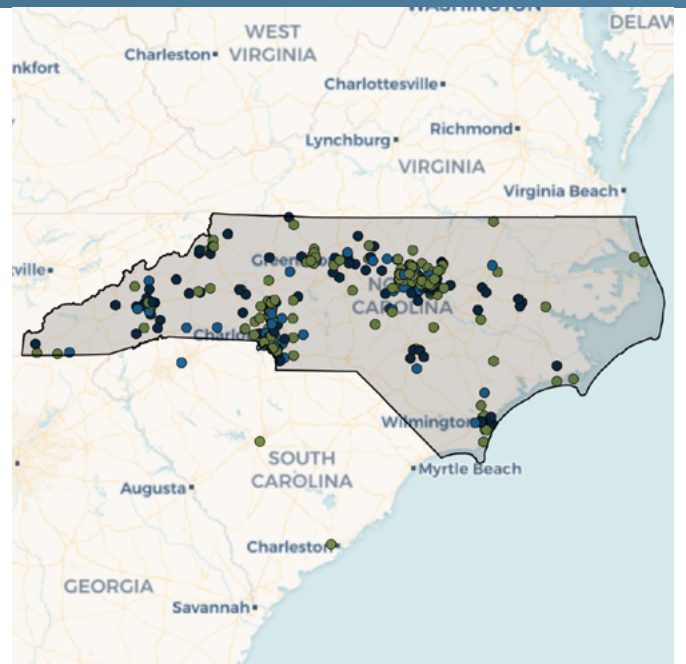
On land previously occupied by an airport, the University of North Carolina Chapel Hill has installed a solar array expected to produce 500,000 kWh annually, the fifth installation on the Chapel Hill campus. This will lead to thousands in savings annually for the university.

% OF STATE LAND AREA

North Carolina Land Use Comparison



254 Solar + Storage Companies in NC



48 Manufacturers
88 Developers
118 Other Companies