

NC SOLAR

State
Spotlight

RANKINGS



5th

for total installed
solar capacity

CAPACITY

17th

Residential

4th

Utility

26th

Non-Residential DG

PER CAPITA

32nd

Residential

6th

Utility

33rd

Non-Residential DG



Total Solar Installed (MW)

9,709.30

195.77 MW in 2024

7,356

Solar Jobs

Ranks 11th

NC Solar Market Value

\$13.4B

\$377M Invested in 2024

Enough to Power

1,168,871

NC Homes

Powered by

230

Solar Companies

Growth Projection Over
the Next 5 Years (MW)

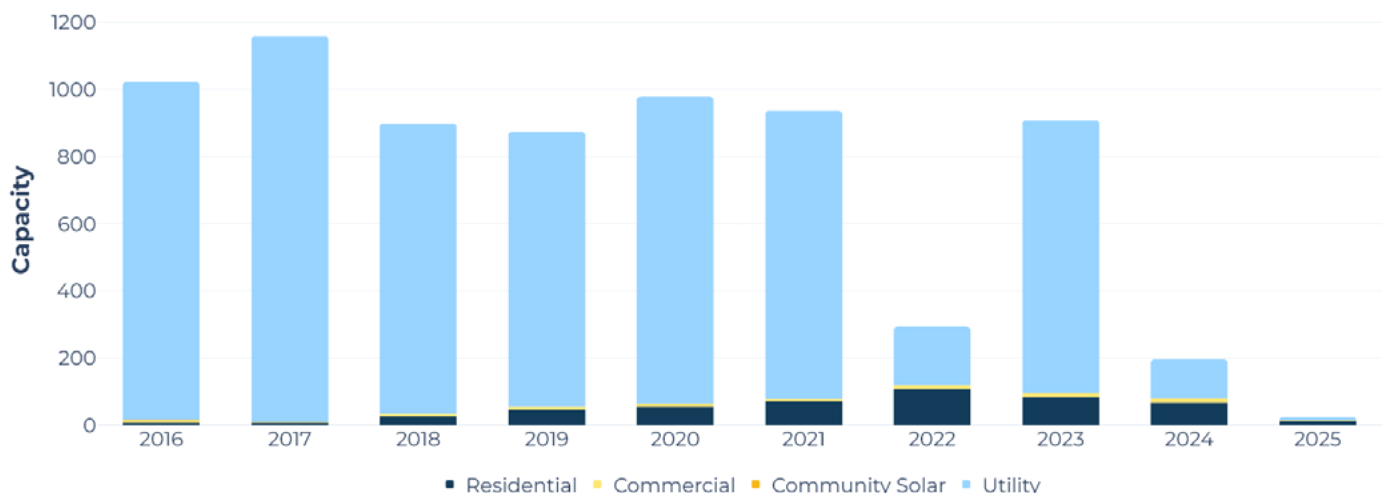
2,480.95

Ranks 27th

9.67% of NC electricity
is from solar

1.74% of NC homes
have solar

North Carolina Annual Solar Installations



NC SOLAR

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5th for total installed
solar capacity

7,356 solar jobs
across the state

COMMUNITY IMPACT

Solar Plus Storage Kept Mountain Town Running After Hurricane Helene



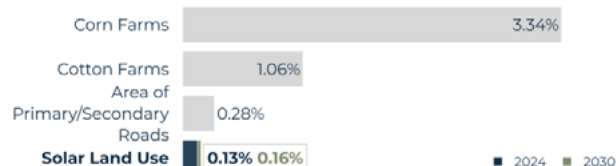
Hot Springs was able to keep the power on after Hurricane Helene thanks to a solar plus storage microgrid. Without the microgrid, the town would have been kept in the dark for nearly another week.

Goshen Medical Center Installs Solar For Reliable Power



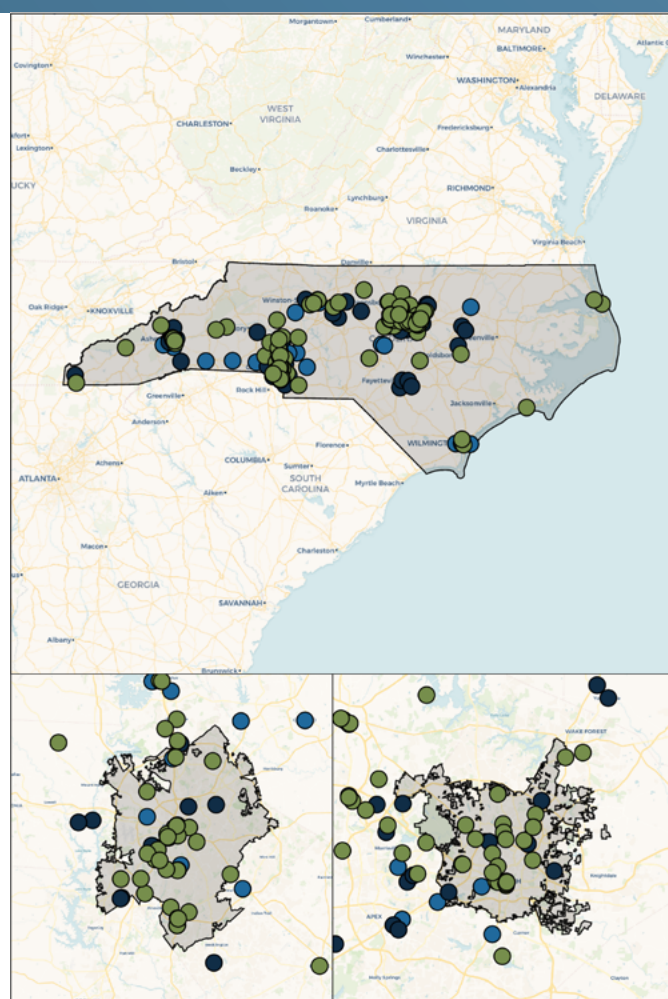
The Goshen Medical Center in Clinton installed a rooftop solar array that can provide reliable power for up to 26 hours off grid. This will allow the hospital to provide emergency care in the event the grid goes down.

% OF STATE LAND AREA



SOLAR COMPANIES

230
Solar Companies in NC



39 Solar Manufacturers
87 Solar Developers
104 Other Solar Companies