

# NC SOLAR

State  
Spotlight



**RANKINGS**

**5th**  
for total installed solar capacity

CAPACITY		
17th Residential	4th Utility	26th Non-Residential DG
PER CAPITA		
32nd Residential	8th Utility	35th Non-Residential DG



Total Solar Installed

**10 GW**

402 MW in 2025

**7,500**

Solar Jobs

Ranks 11th

NC Solar Market Value

**\$14.9B**

\$678M Invested in 2025

Total Utility-Scale Storage Installed

**873 MWh**

Powered by

**253**

Solar Companies

Growth Projection Over the Next 5 Years

**2.7 GW**

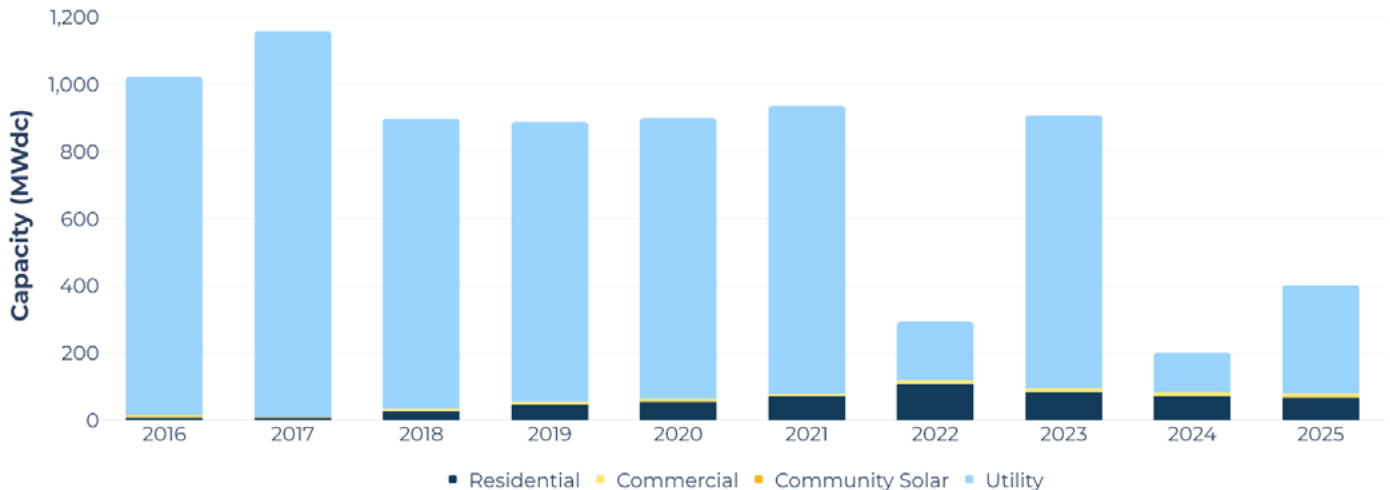
Ranks 27th

**10.10%**  
of NC electricity is from solar

Enough Solar to Power  
**1,203,602**  
NC Homes

**1.90%**  
of NC homes have solar

## North Carolina Annual Solar Installations



# NC SOLAR

State Spotlight

**5th** for total installed solar capacity

**7,500** solar jobs across the state

## COMMUNITY IMPACT

### Appalachian Communities Turn to Solar for Storm Resilience



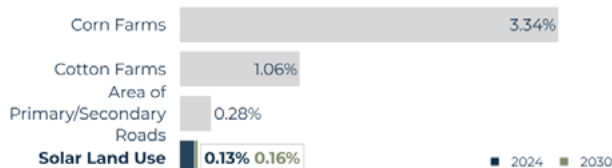
Following Hurricane Helene, Yancey County received a solar generator at a local church to provide power. The solar generator continues to deliver for the community, allowing a man to call for air medical services during an emergency.

### Former Airport Home to Powerful Solar Field

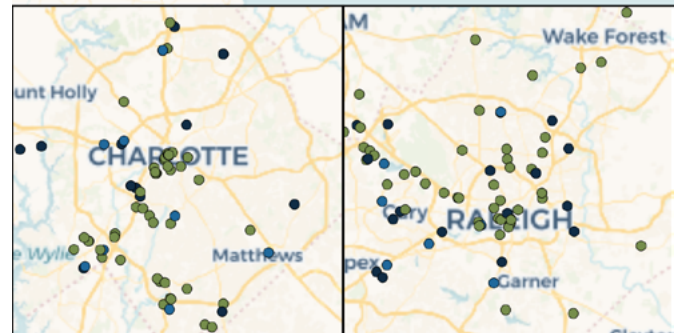
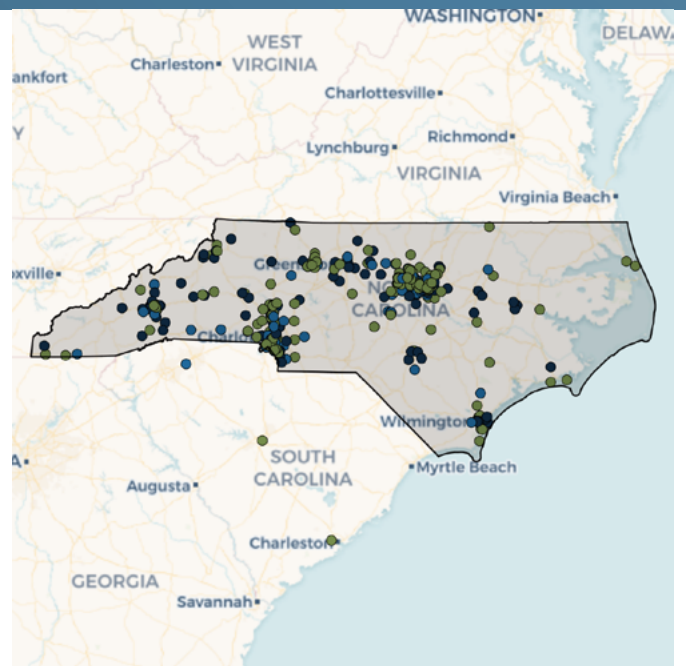


On land previously occupied by an airport, the University of North Carolina Chapel Hill has installed a solar array expected to produce 500,000 kWh annually, the fifth installation on the Chapel Hill campus. This will lead to thousands in savings annually for the university.

## % OF STATE LAND AREA



## 253 Solar + Storage Companies in NC



**48** Manufacturers  
**88** Developers  
**117** Other Companies