

# 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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**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



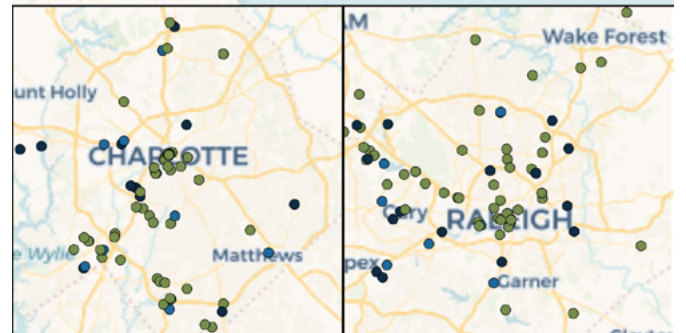
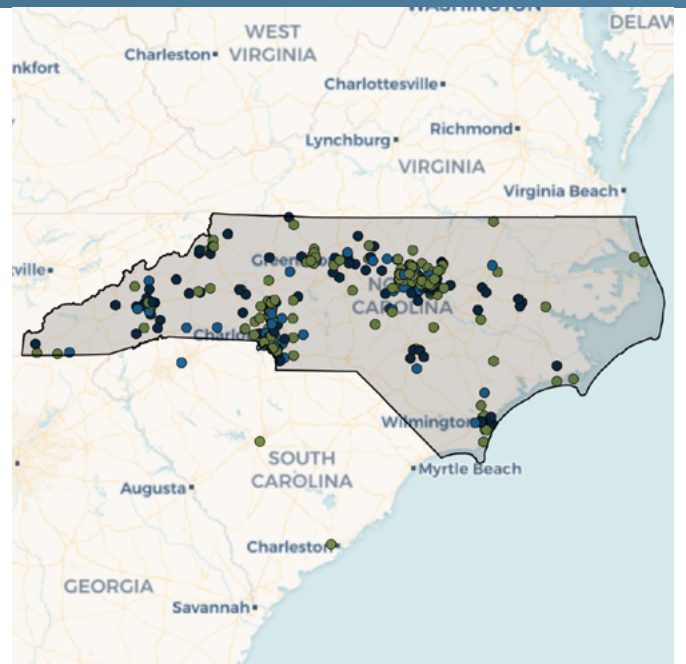
On land previously occupied by an airport, the University of North Carolina Chapel Hill has installed a solar array expected to produce 500,000 kWh annually, the fifth installation on the Chapel Hill campus. This will lead to thousands in savings annually for the university.

## STATE LAND USE

### North Carolina Land Use Comparison



## 254 Solar + Storage Companies in NC



**48** Manufacturers  
**88** Developers  
**118** Other Companies