SC SOLAR State Spotlight



RANKINGS

23rd
for total installed solar capacity

CAPACITY		
23rd Residential	18th Utility	35th Non-Residential DG
PER CAPITA		
30th Residential	19th Utility	31st Non-Residential DG

Total Solar Installed
3.1 GW
377 MW in 2025

3,583
Solar Jobs
Ranks 24th

SC Solar Market Value
$4.6B
$525M Invested in 2025

Total Utility-Scale Storage Installed
275 MWh

Powered by
105
Solar Companies

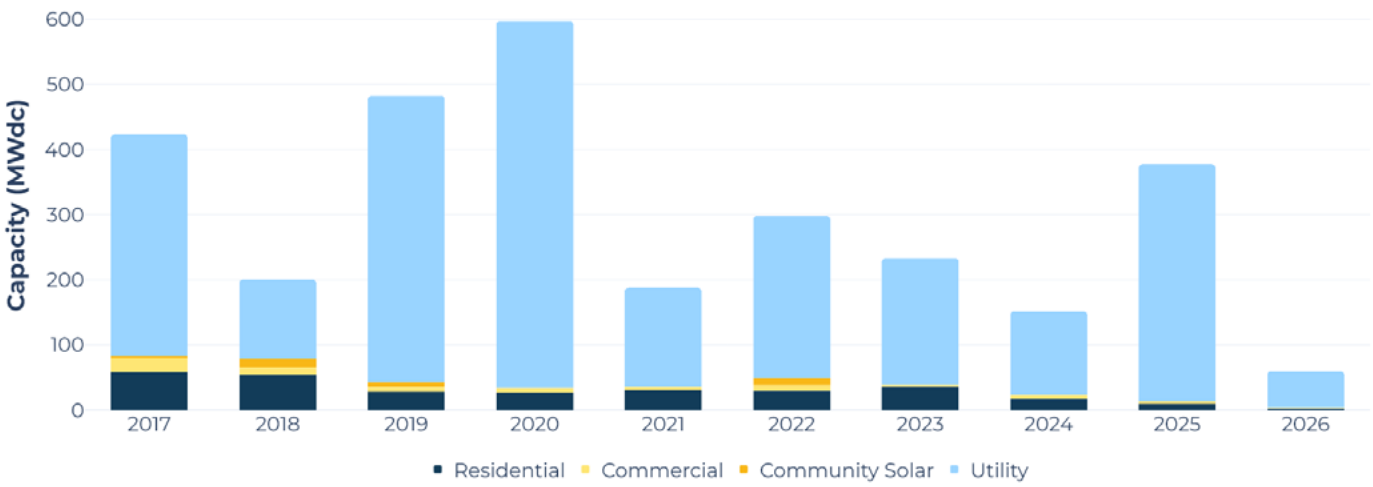
Growth Projection Over the Next 5 Years
1.8 GW
Ranks 36th

4.18%
of SC electricity is from solar

Enough Solar to Power
379,967
SC Homes

2.40%
of SC homes have solar

South Carolina Annual Solar Installations



SC SOLAR State Spotlight

23rd for total installed solar capacity

3,583 solar jobs across the state

COMMUNITY IMPACT

IKEA Retailer Breaks Ground On SC Solar Park



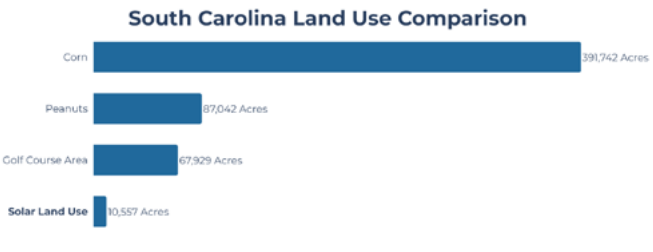
In Williamsburg County, the Kingstree West solar park is being fully funded by IKEA retailer Ingka Group, which will generate enough power for 15,200 local homes and will generate $7.6 million in property tax revenues for the county.

Shaw Air Force Base Turns to Solar for Resilient and Reliable Electricity

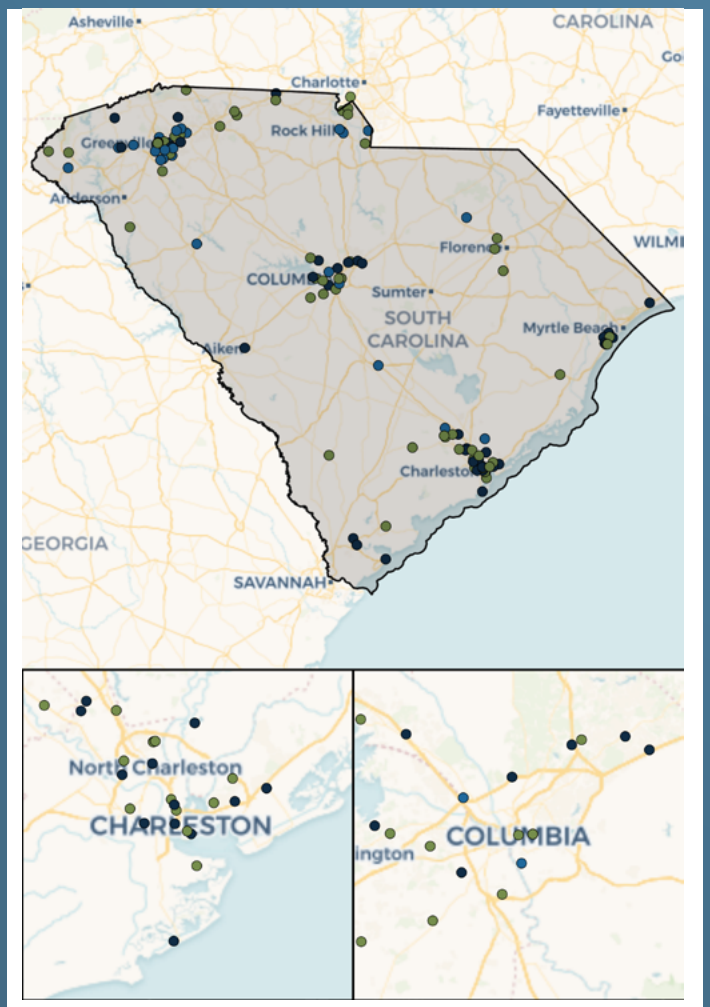


The DoW announced that Shaw Air Force Base would be one of five military bases in the Carolinas that will run on solar. This was done to ensure more reliable and resilient power for the base and do so in a way that is good for taxpayers.

STATE LAND USE



105 Solar + Storage Companies in SC



38 Manufacturers
36 Developers
31 Other Companies

Reference data: **seia.org/states**
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SEIA Solar Energy Industries Association®