There are 249,983 Americans working in solar as of 2019, according to The Solar Foundation's latest National Solar Jobs Census. Visit SolarStates.org for details on solar jobs in all 50 states, the District of Columbia, and Puerto Rico.

North Carolina lost solar jobs in 2019, but the state has an abundant solar resource and enormous potential for growth if supportive policies are in place.

**State Solar Jobs:** 6,617

- **New Solar Jobs, 2019:** 11
- **State Rank by Net Solar Jobs Added, 2019:** 43
- **Percentage of State Solar Workers Who Are Veterans:** 8.7%
- **State Rank for Solar Jobs Per Capita:** 20
- **Solar Jobs Growth, 2019:** -1.5%
- **Projected Jobs Growth, 2020:** 10.2%

**Solar Industry Context**

- **Cumulative Installed Solar Capacity¹:** 6,152 MW
- **State Ranking for Installed Solar Capacity¹:** 2
- **Enough Solar to Power:** 722,751 Homes¹
- **Solar Companies²:** 296
- **State’s Electricity Generation from Solar³:** 5.73%

**Learn more at SolarStates.org**
TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

1,402
Charlotte-Gastonia-Concord

1,195
Durham

766
Raleigh-Cary

DID YOU KNOW?
In 2019, the city of Fayetteville, North Carolina become the first municipal utility in the state to offer community solar to customers after the Fayetteville Public Works solar project went operational.4

NORTH CAROLINA

Solar Policy Context

C
Net Metering Policy Grade6
A
Interconnection Policy Grade5

State Ranking for Average Electricity Price³
(Highest to Lowest)

STATE INSTALLER LICENSING REQUIREMENTS6

19%
Employers Reporting It Was “Very Difficult” to Hire Qualified Employees

RENEWABLE PORTFOLIO STANDARDS²
12.5%
by 2021

COMMUNITY SOLAR PROGRAM GRADE²
N/A

COMMUNITY CHOICE AGGREGATION STATUS²
CCA not available

LEGAL STATUS OF THIRD PARTY OWNERSHIP⁹
Disallowed by state or otherwise restricted by legal barriers

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS¹⁰
PACE enabling legislation

1 Wood Mackenzie, Limited and the Solar Energy Industries Association (SEIA), U.S. Solar Market Insight
2 SEIA, National Solar Database
3 U.S. Energy Information Administration
5 Based on Freeing the Grid 2015, Vote Solar, Interstate Renewable Energy Council (IREC), and EQ Research. Grades updated by The Solar Foundation
6 IREC, National Solar Licensing Map
7 IREC, 2019 National Shared Renewables Scorecard
9 North Carolina Clean Technology Center at North Carolina State University, Database of State Incentives for Renewables and Efficiency
10 PACENation, available at pacenation.us/pace-programs/

Solar installations up to 1 MW receive compensation for solar sent back to the grid, credited to customer’s next bill at the retail rate. All unused credit transfers to the utility without compensation at the beginning of the summer season. Only IOUs are required to provide net metering. There is no limit to the number of systems covered under net metering.

19%
Employers Reporting It Was “Very Difficult” to Hire Qualified Employees

12.5%
by 2021

6
Electrician’s License and one NABCEP employee

35
AVERAGE ELECTRICITY PRICE³

766
Raleigh-Cary

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