There are 242,343 Americans working in solar as of 2018, according to The Solar Foundation’s latest National Solar Jobs Census. Visit SolarStates.org to view an interactive map of solar jobs in 2018 by state, county, metro area, and congressional district.

North Carolina lost solar jobs in 2018, but with over 4,000 MW of solar capacity scheduled to be deployed by 2023, solar workers will be in high demand in the coming years.

**State Solar Jobs:** 6,719

- New Solar Jobs, 2018: 903
- Solar Jobs Growth, 2018: -11.8%
- State Rank by Net Solar Jobs Added, 2018: 49
- Projected Jobs Growth, 2019: 7.5%
- Percentage of State Solar Workers Who Are Veterans: 8.5%

**Solar Industry Context**

- Cumulative Installed Solar Capacity¹: 5,261 MW
- State Rank for Installed Solar Capacity¹: 2
- Enough Solar to Power 635,152 Homes¹²

**Solar Jobs by Sector**

- Installation: 3,932 jobs (19% decrease)
- Manufacturing: 1,009 jobs (8% decrease)
- Wholesale Trade & Distribution: 922 jobs (11% decrease)
- Operations & Maintenance: 393 jobs
- Other: 463 jobs (24% decrease)

**SOLAR INDUSTRY CONTEXT**

- 287 Solar Companies²
- 36 K-12 Solar Schools⁴
- 1.2% K-12 Schools Have Gone Solar⁴
- 5.37% of State’s Electricity Generation from Solar³

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

<table>
<thead>
<tr>
<th>Area</th>
<th>Solar Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlotte-Gastonia-Concord</td>
<td>1,436</td>
</tr>
<tr>
<td>Durham</td>
<td>1,015</td>
</tr>
<tr>
<td>Raleigh Cary</td>
<td>941</td>
</tr>
<tr>
<td>Asheville</td>
<td>533</td>
</tr>
</tbody>
</table>

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### NORTH CAROLINA

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### SOLAR POLICY CONTEXT

- **Net Metering Policy Grade**: 6
- **Interconnection Policy Grade**: 6

Solar installations up to 1 MW receive compensation for solar sent back to the grid credited at the retail rate. There is no limit to the number of systems covered under net metering.

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### RENEWABLE PORTFOLIO STANDARD

- **Standard**: 12.5% by 2021

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### RENEWABLE PORTFOLIO STANDARD CARVEOUTS

- **Distributed Generation**: N/A
- **Solar**: 0.2%

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### COMMUNITY SOLAR

- **Status**: N/A

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### COMMUNITY CHOICE AGGREGATION STATUS

- **Status**: CCA Not Available

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### LEGAL STATUS OF THIRD PARTY OWNERSHIP

- **Status**: Not Available

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### PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS

- **Status**: PACE-enabling Legislation

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### DID YOU KNOW?

The day after Hurricane Florence left residents without power, many solar installations in the state were already up and running.²

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### STATE INSTALLER LICENSING REQUIREMENTS

- **Electrician’s License and one NABCEP PV Installation Professional**

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### STATE RANKING FOR AVERAGE ELECTRICITY PRICE

<table>
<thead>
<tr>
<th>State</th>
<th>Average Electricity Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9.41 CENTS/kWh</td>
</tr>
</tbody>
</table>

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### DID YOU KNOW?

- Employers Reporting It Was “Very Difficult” to Hire Qualified Employees: 27%

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### Web Resources

2. SEIA, National Solar Database
6. Freeing the Grid 2015, a joint project of Vote Solar, Interstate Renewable Energy Council, and EQ Research
8. Shared Renewables HQ, an initiative of Vote Solar in partnership with Lee Barken
9. Local Energy Aggregation Network
10. North Carolina Clean Technology Center at North Carolina State University, Database of State Incentives for Renewables and Efficiency
11. PACENation, available at pacenation.us/pace-programs/
12. SEIA