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 Dakota has a small solar workforce, with high potential for future growth if supportive policies are in place.

**STATE SOLAR JOBS:** 233

- **50** State Ranking for Solar Jobs
- **44** State Ranking for Solar Jobs Per Capita

- **88** New Solar Jobs, 2018
- **60.4%** Solar Jobs Growth, 2018
- **20** State Rank by Net Solar Jobs Added, 2018
- **2.6%** Projected Jobs Growth, 2019
- **17.7%** Percentage of State Solar Workers Who Are Veterans

**SOLAR JOBS BY SECTOR**

- **INSTALLATION**
  - 177 (89% increase)
- **MANUFACTURING**
  - 14 (6% decrease)
- **WHOLESALE TRADE & DISTRIBUTION**
  - 17 (9% decrease)
- **OPERATIONS & MAINTENANCE**
  - 12
- **OTHER**
  - 13 (21% decrease)

**SOLAR INDUSTRY CONTEXT**

- **0.47 MW** Cumulative Installed Solar Capacity¹
- **52** State Ranking for Installed Solar Capacity¹
- **11** Solar Companies²
- **0.001%** of State’s Electricity Generation from Solar³
- **177** (89% increase)
- **14** (6% decrease)
- **17** (9% decrease)
- **12**
- **13** (21% decrease)

- **ENOUGH SOLAR TO POWER 46 HOMES¹²**

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

64
Fargo

DID YOU KNOW?
A planned 200 MW array in Cass County would be the first major utility-scale project in North Dakota, with construction slated to begin in 2019.5

NORTH DAKOTA

SOLAR POLICY CONTEXT

Solar installations up to 100 kW receive compensation for solar sent back to the grid credited at the avoided cost rate. There is no limit to the number of systems covered.

STATE INSTALLER LICENSING REQUIREMENTS7

Electrician’s License

100%
Employers Reporting It Was “Very Difficult” to Hire Qualified Employees

RENEWABLE PORTFOLIO STANDARD10

10% by 2015

RENEWABLE PORTFOLIO STANDARD CARVEOUTS10

N/A Solar

COMMUNITY SOLAR8
N/A

COMMUNITY CHOICE AGGREGATION STATUS9
CCA Not Available

LEGAL STATUS OF THIRD PARTY OWNERSHIP10
Status Unclear or Unknown

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS11
N/A

STATE RANKING FOR AVERAGE ELECTRICITY PRICE³
(Highest to Lowest)

38
9.20 CENTS/kWh
AVERAGE ELECTRICITY PRICE³

1 Wood Mackenzie, Limited and Solar Energy Industries Association (SEIA), U.S. Solar Market Insight
2 SEIA, National Solar Database
3 U.S. Energy Information Administration
6 Freeing the Grid 2015, a joint project of Vote Solar, Interstate Renewable Energy Council, and EQ Research
7 National Solar Licensing Map, Interstate Renewable Energy Council
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