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.

Minnesota lost solar jobs in 2019 after several years of growth. Despite reputation for long winters, the state has an abundant solar resource and enormous potential for the solar industry to expand and create more jobs.

**STATE SOLAR JOBS: 4,335**

- New Solar Jobs, 2019: -267
- Solar Jobs Growth, 2019: -5.8%
- State Rank by Net Solar Jobs Added, 2019: 49
- Projected Jobs Growth, 2020: 9.8%
- Percentage of State Solar Workers Who Are Veterans: 11.5%

**SOLAR JOBS BY SECTOR**

- INSTALLATION: 2,962 (7% decrease)
- MANUFACTURING: 369 (4% decrease)
- WHOLESALE TRADE & DISTRIBUTION: 627 (0.6% decrease)
- OPERATIONS & MAINTENANCE: 167 (4% decrease)
- OTHER: 210 (10% decrease)

**SOLAR INDUSTRY CONTEXT**

- 1,391 MW CUMULATIVE INSTALLED SOLAR CAPACITY¹
- 187 Solar Companies²
- 2.78% of State’s Electricity Generation from Solar³

- ENOUGH SOLAR TO POWER 193,487 HOMES¹

Learn more at SolarStates.org
SOLAR POLICY CONTEXT

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

Interconnection Policy Grade

AVERAGE ELECTRICITY PRICE

STATE RANKING FOR AVERAGE ELECTRICITY PRICE³
(Highest to Lowest)

COMMUNITY SOLAR PROGRAM
GRADE²

COMMUNITY CHOICE AGGREGATION STATUS⁸
CCA not available

LEGAL STATUS OF THIRD PARTY OWNERSHIP⁹
Status unclear or unknown

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS¹⁰
PACE enabling legislation; Active commercial PACE programs

MINNESOTA

3,631
Minneapolis-St. Paul-Bloomington

541
St. Cloud

DID YOU KNOW?
A new solar panel manufacturing factory opened in 2018 in the Iron Range town of Mountain Iron.⁴

RENEWABLE PORTFOLIO STANDARD²

26.5%
by 2025

RENEWABLE PORTFOLIO STANDARD CARVEOUTS⁹

1.5%
Solar

STATE INSTALLER LICENSING REQUIREMENTS⁶

Electrician’s License

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

28%

STATE RANKING FOR AVERAGE ELECTRICITY PRICE³
10.37 CENTS/KWh

A

B

Net Metering Policy Grade⁵
Interconnection Policy Grade⁵

Solar installations up to 1 MW and community gardens up to 5 MW receive compensation for solar sent back to the grid. Systems under 40 kW are credited at the retail rate, and systems up to 1 MW are credited at the avoided cost rate. There is no limit to the number of systems covered under net metering.

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/