



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.

Tennessee lost solar jobs in 2019, but the state has enormous potential to grow its solar industry and add more jobs if supportive policies are in place.



STATE SOLAR JOBS: 4,194



19 STATE RANKING FOR SOLAR JOBS

23 STATE RANKING FOR SOLAR JOBS PER CAPITA

-496 New Solar Jobs, 2019

-11% Solar Jobs Growth, 2019

51 State Rank by Net Solar Jobs Added, 2019

8.4% Projected Jobs Growth, 2020

8.8% Percentage of State Solar Workers Who Are Veterans



SOLAR JOBS BY SECTOR

INSTALLATION

2,387
(16% decrease)

MANUFACTURING

1,317
(2% decrease)

WHOLESALE TRADE & DISTRIBUTION

311
(2% decrease)

OPERATIONS & MAINTENANCE

100
(6% decrease)

OTHER

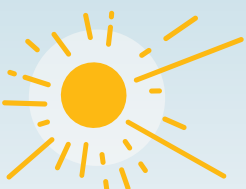
78
(8% decrease)



SOLAR INDUSTRY CONTEXT

351 MW
CUMULATIVE INSTALLED SOLAR CAPACITY¹

26 STATE RANKING FOR INSTALLED SOLAR CAPACITY¹



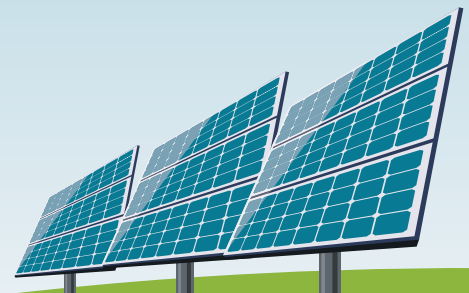
ENOUGH SOLAR TO POWER **34,835** HOMES¹

176

Solar Companies²

0.52%

of State's Electricity Generation from Solar³



TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

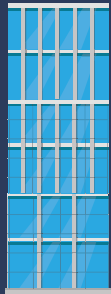
1,495

Nashville-
Davidson-
Murfreesboro-
Franklin



633

Cleveland



457

Memphis



420

Knoxville



DID YOU KNOW?

In 2019, Google announced plans to construct a 150 MW solar project in Yum Yum, TN, to power a nearby data center.⁴

TENNESSEE



SOLAR POLICY CONTEXT

F

Net Metering
Policy Grade⁵

F

Interconnection
Policy Grade⁵

Tennessee does not have a statewide net metering policy.

COMMUNITY SOLAR PROGRAM GRADE⁷

N/A

COMMUNITY CHOICE AGGREGATION STATUS⁸

CCA not available

LEGAL STATUS OF THIRD PARTY OWNERSHIP⁹

Status unclear or unknown

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS¹⁰

N/A

RENEWABLE PORTFOLIO STANDARD⁹

None

RENEWABLE PORTFOLIO STANDARD CARVEOUTS⁹

N/A

STATE INSTALLER LICENSING REQUIREMENTS⁶



Electrician's License

0%

Employers Reporting It
Was "Very Difficult" to Hire
Qualified Employees

32

STATE RANKING
FOR AVERAGE
ELECTRICITY PRICE³
(Highest to Lowest)

9.58
CENTS/KWh

AVERAGE ELECTRICITY PRICE³

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

4 <https://pv-magazine-usa.com/2019/01/16/google-to-build-massive-solar-plants-in-tennessee-and-alabama/>

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*

8 Local Energy Aggregation Network, <https://leanenergyus.org/cc-by-state/>

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/