



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.

South Dakota now has a small number of solar workers, but the state has an abundant solar resource with high potential for growth if supportive policies are in place.



STATE SOLAR JOBS: 448



46 STATE RANKING FOR SOLAR JOBS

30 STATE RANKING FOR SOLAR JOBS PER CAPITA

5 New Solar Jobs, 2019

1% Solar Jobs Growth, 2019

28 State Rank by Net Solar Jobs Added, 2019

0% Projected Jobs Growth, 2020

15.1% Percentage of State Solar Workers Who Are Veterans



SOLAR JOBS BY SECTOR

INSTALLATION



313
(2% increase)

MANUFACTURING



43
(2% increase)

WHOLESALE TRADE & DISTRIBUTION



51
(0.1% increase)

OPERATIONS & MAINTENANCE



24
(5% decrease)

OTHER



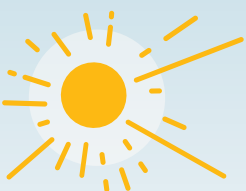
18
(9% decrease)



SOLAR INDUSTRY CONTEXT

2 MW
CUMULATIVE INSTALLED SOLAR CAPACITY¹

51 STATE RANKING FOR INSTALLED SOLAR CAPACITY¹



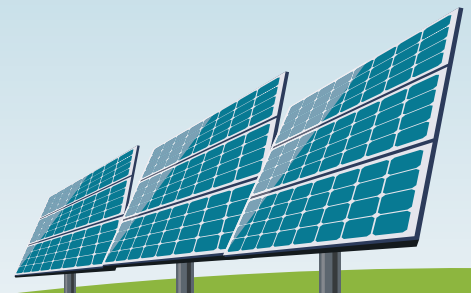
ENOUGH SOLAR TO POWER **186** HOMES¹

18

Solar Companies²

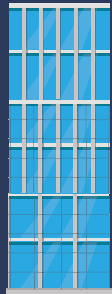
0.02%

of State's Electricity Generation from Solar³



TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

184
Rapid City



97
Sioux Falls



DID YOU KNOW?

In 2019, the South Dakota Public Utilities Commission approved a construction permit for a 110 MW solar PV project in Oglala Lakota County.⁴

SOUTH DAKOTA



SOLAR POLICY CONTEXT

F

Net Metering
Policy Grade⁵

C

Interconnection
Policy Grade⁵

South Dakota 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

STATE INSTALLER LICENSING REQUIREMENTS⁶



Electrician's License

0%

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

24

STATE RANKING
FOR AVERAGE
ELECTRICITY PRICE³
(Highest to Lowest)

9.97
CENTS/KWh

AVERAGE ELECTRICITY PRICE³

RENEWABLE PORTFOLIO STANDARD⁹

10%

by 2015 (voluntary)

RENEWABLE PORTFOLIO STANDARD CARVEOUTS⁹

N/A

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://www.solarpowerworldonline.com/2020/02/south-dakota-puc-approves-construction-of-states-first-large-scale-solar-array-plus-storage/>
 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/