



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.

Despite job losses in 2018, Arizona is still one of the top states in the nation for solar employment. The state has an abundant solar resource and enormous potential for growth.



STATE SOLAR JOBS: 7,524



6 STATE RANKING FOR SOLAR JOBS

9 STATE RANKING FOR SOLAR JOBS PER CAPITA

-857 New Solar Jobs, 2018

-10.2% Solar Jobs Growth, 2018

48 State Rank by Net Solar Jobs Added, 2018

5.7% Projected Jobs Growth, 2019

9.7% Percentage of State Solar Workers Who Are Veterans



SOLAR JOBS BY SECTOR

INSTALLATION

3,383
(19% decrease)

MANUFACTURING

2,551
(12% decrease)

WHOLESALE TRADE & DISTRIBUTION

689
(12% decrease)

OPERATIONS & MAINTENANCE

496

OTHER

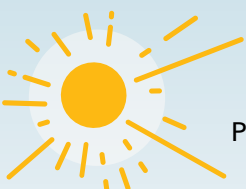
404
(24% decrease)



SOLAR INDUSTRY CONTEXT

3,739 MW
CUMULATIVE INSTALLED SOLAR CAPACITY¹

3 STATE RANKING FOR INSTALLED SOLAR CAPACITY¹



ENOUGH SOLAR TO POWER **552,544** HOMES¹²

452

Solar Companies²

6.52%

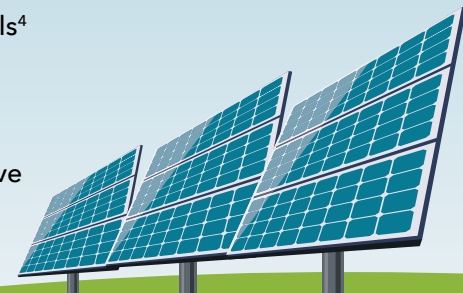
of State's Electricity Generation from Solar³

378

K-12 Solar Schools⁴

14.1%

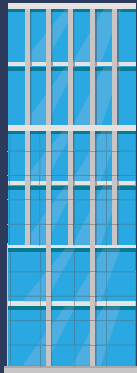
K-12 Schools Have Gone Solar⁴



TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

6,653

Phoenix-Mesa-Scottsdale



607

Tucson



128

Flagstaff



DID YOU KNOW?

One of the largest battery storage systems in the country will be built in Arizona, with 50 MW of storage paired with a 65 MW solar farm. Arizona Public Service plans to add at least 500 MW of battery storage over the next 15 years.⁵

ARIZONA



SOLAR POLICY CONTEXT

F

Net Metering Policy Grade⁶

F

Interconnection Policy Grade⁶

Solar installations sized to meet up to 125% of a customer's electric load receive compensation for solar sent back to the grid credited at the Resource Comparison Proxy export rate which is based on the cost of energy from utility-scale solar farms over a five-year period. The rates are reset annually but do not decrease more than 10% for any given year. There is no limit to the number of systems covered.

COMMUNITY SOLAR⁸

N/A

COMMUNITY CHOICE AGGREGATION STATUS⁹

CCA Not Available

LEGAL STATUS OF THIRD PARTY OWNERSHIP¹⁰

Authorized by state, at least in certain jurisdictions

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS¹¹

N/A

STATE INSTALLER LICENSING REQUIREMENTS⁷



Electrician's License

29%

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

16

STATE RANKING FOR AVERAGE ELECTRICITY PRICE³
(Highest to Lowest)

11.08 CENTS/kWh

AVERAGE ELECTRICITY PRICE³

RENEWABLE PORTFOLIO STANDARD¹⁰

15%

by 2025

RENEWABLE PORTFOLIO STANDARD CARVEOUTS¹⁰

4.5%

Distributed Generation

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

4 The Solar Foundation, SEIA, and Generation 180, *Brighter Future: A Study on Solar in U.S. Schools, 2nd Edition*

5 <https://www.utilitydive.com/news/aps-to-install-50-mw-135-mwh-solar-shifting-battery/516850/>

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