

OHIO

SOLAR JOBS CENSUS 2018



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.

Ohio's solar workforce grew in 2018 to reach over 7,000 jobs, making the state the seventh highest solar jobs supporter nationwide. Ohio has an abundant solar resource and huge potential for future growth.



STATE SOLAR JOBS: 7,162



7 STATE RANKING FOR SOLAR JOBS

23 STATE RANKING FOR SOLAR JOBS PER CAPITA

644 New Solar Jobs, 2018

9.9% Solar Jobs Growth, 2018

5 State Rank by Net Solar Jobs Added, 2018

11.0% Projected Jobs Growth, 2019

6.0% Percentage of State Solar Workers Who Are Veterans



SOLAR JOBS BY SECTOR

INSTALLATION

3,953
(12% increase)

MANUFACTURING

2,104
(3% decrease)

WHOLESALE TRADE & DISTRIBUTION

730
(28% increase)

OPERATIONS & MAINTENANCE

195

OTHER

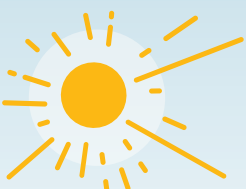
181
(27% decrease)



SOLAR INDUSTRY CONTEXT

202 MW
CUMULATIVE INSTALLED SOLAR CAPACITY¹

30 STATE RANKING FOR INSTALLED SOLAR CAPACITY¹



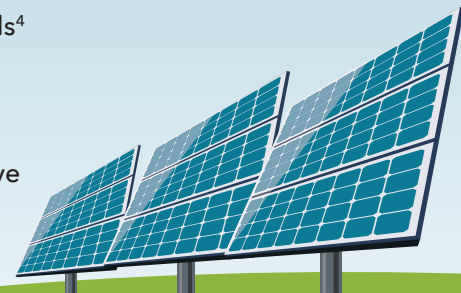
ENOUGH SOLAR TO POWER **24,679** HOMES¹³

289
Solar Companies²

0.24%
of State's Electricity Generation from Solar³

45
K-12 Solar Schools⁴

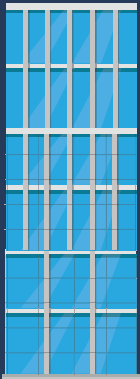
1.0%
K-12 Schools Have Gone Solar⁴



TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

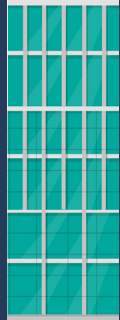
2,417

Toledo



1,326

Cleveland-Elyria-Mentor



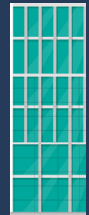
932

Cincinnati-Middletown



497

Columbus



435

Akron



DID YOU KNOW?

First Solar plans to build an additional manufacturing plant in Perrysburg, Ohio that will become the largest solar factory by capacity in the Western Hemisphere, employing about 500 solar workers.⁵

OHIO



SOLAR POLICY CONTEXT

B

Net Metering Policy Grade¹²

A

Interconnection Policy Grade⁶

Solar installations sized to offset part or all of a customer's electricity requirements receive compensation for solar sent back to the grid. Systems are only credited for the energy portion of the electricity they supply and not for the capacity part of the electricity rate, reducing the amount of compensation by about 10-15%. There is no limit to the number of systems covered under net metering.

STATE INSTALLER LICENSING REQUIREMENTS⁷



Electrician's License or NABCEP PV Installation Professional

42%

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

RENEWABLE PORTFOLIO STANDARD¹⁰

12.5%

by 2026

COMMUNITY SOLAR⁸

N/A

COMMUNITY CHOICE AGGREGATION STATUS⁹

CCA Enabling Legislation

LEGAL STATUS OF THIRD PARTY OWNERSHIP¹⁰

Authorized by state, at least in certain jurisdictions

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS¹¹

PACE-enabling Legislation; Active Commercial PACE Programs

26

STATE RANKING FOR AVERAGE ELECTRICITY PRICE³
(Highest to Lowest)

9.80

CENTS/kWh

AVERAGE ELECTRICITY PRICE³

RENEWABLE PORTFOLIO STANDARD CARVEOUTS¹⁰

0.5%

Solar

N/A

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://pv-magazine-usa.com/2018/04/26/breaking-first-solar-to-build-another-1-2-gw-factory-in-ohio/>

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 Based on The Solar Foundation's assessment of legislative changes in the state

13 SEIA