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.

Pennsylvania has seen solar job growth for the third consecutive year, with over 1,700 jobs added since 2015. Supportive for renewable energy at the state and local levels will lead to even more job growth in the future.

**STATE SOLAR JOBS:** 4,219

- **STATE RANKING FOR SOLAR JOBS:** 17
- **STATE RANKING FOR SOLAR JOBS PER CAPITA:** 39

- **New Solar Jobs, 2018:** 371
- **State Rank by Net Solar Jobs Added, 2018:** 7
- **Percentage of State Solar Workers Who Are Veterans:** 8.9%
- **Solar Jobs Growth, 2018:** 9.6%
- **Projected Jobs Growth, 2019:** 5.8%
- **Projected Jobs Growth, 2019:** 5.8%

**SOLAR JOBS BY SECTOR**

- **INSTALLATION**
  - 1,956 (5% increase)
- **MANUFACTURING**
  - 1,425 (4% increase)
- **WHOLESALE TRADE & DISTRIBUTION**
  - 526 (42% increase)
- **OPERATIONS & MAINTENANCE**
  - 129
- **OTHER**
  - 182 (26% decrease)

**SOLAR INDUSTRY CONTEXT**

- **420 MW**
  - CUMULATIVE INSTALLED SOLAR CAPACITY¹
- **STATE RANKING FOR INSTALLED SOLAR CAPACITY¹:** 22
- **559 Solar Companies²**
- **41 K-12 Solar Schools⁴**
- **ENOUGH SOLAR TO POWER 51,684 HOMES¹²**
- **0.24%**
  - of State’s Electricity Generation from Solar³
- **0.8%**
  - K-12 Schools Have Gone Solar⁴

Learn more at SolarStates.org
TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

2,501
Philadelphia-Camden-Wilmington

838
Reading

781
Pittsburgh

349
Lancaster

DID YOU KNOW?
A statewide planning project, led by the Department of Environmental Protection Energy Programs Office, aims to equip Pennsylvania to produce more solar energy by 2030. An initial objective outlined by the plan is to generate 10% of Pennsylvania’s electricity from in-state solar energy.5

PENNSYLVANIA

SOLAR POLICY CONTEXT

Interconnection Policy Grade6

Residential solar installations up to 50 kW, non-residential solar installations up to 3 MW, and microgrid and emergency solar installations up to 5 MW receive compensation for solar sent back to the grid credited at the retail rate. There is no limit to the number of systems covered under net metering.

COMMUNITY SOLAR8
N/A

LEGAL STATUS OF THIRD PARTY OWNERSHIP10
Authorized by state, at least in certain jurisdictions

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS11
PACE-enabling Legislation; In Development Commercial PACE Programs

STATE INSTALLER LICENSING REQUIREMENTS7

One employee must have NABCEP PV Installation Professional Certification or Electrician’s License

40%
Employers Reporting It Was “Very Difficult” to Hire Qualified Employees

STATE RANKING FOR AVERAGE ELECTRICITY PRICE3
(Highest to Lowest)

10.09 CENTS/kWh

RENEWABLE PORTFOLIO STANDARD10
18% by 2020

RENEWABLE PORTFOLIO STANDARD CARVEOUTS10
0.5% Solar PV

N/A Distributed Generation

References:
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
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