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.

Michigan lost solar jobs in 2019, but the state has an abundant solar resource and enormous potential for growth if there are supportive policies in place.

**State Solar Jobs:** 3,876

- New Solar Jobs, 2019: -293
- Solar Jobs Growth, 2019: -7%
- State Rank by Net Solar Jobs Added, 2019: 50
- Projected Jobs Growth, 2020: 2.1%
- Percentage of State Solar Workers Who Are Veterans: 6.9%

**Solar Jobs by Sector**
- **Installation:** 2,453 (10% decrease)
- **Manufacturing:** 674 (0.4% decrease)
- **Wholesale Trade & Distribution:** 331 (2% increase)
- **Operations & Maintenance:** 177 (6% decrease)
- **Other:** 241 (10% decrease)

**Solar Industry Context**
- **Cumulative Installed Solar Capacity¹:** 181 MW
- **State Ranking for Installed Solar Capacity¹:** 36
- **Enough Solar to Power 29,698 Homes¹:**
- **254 Solar Companies²**
- **0.23% of State’s Electricity Generation from Solar³**

Learn more at SolarStates.org
Different from traditional net metering, solar installations up to 150 kW receive compensation based on an “inflow-outflow” method. Credits are provided at the utility’s avoided cost rate. A customer’s total system production and total household consumption are credited and billed at separate rates. The number of systems covered under this method is set at 0.75% of utility’s peak load during the previous year.

Top Metropolitan Statistical Areas for Solar Jobs

<table>
<thead>
<tr>
<th>Area</th>
<th>Solar Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detroit-Warren-Livonia</td>
<td>1,682</td>
</tr>
<tr>
<td>Saginaw-Saginaw Twp North</td>
<td>745</td>
</tr>
<tr>
<td>Grand Rapids-Wyoming</td>
<td>230</td>
</tr>
<tr>
<td>Lansing-East Lansing</td>
<td>120</td>
</tr>
</tbody>
</table>

DID YOU KNOW?

With the help of DTE Energy and Oakland University, Detroit is home to an energy camp for kids, giving them hands-on educational experiences with solar panels.

Solar Policy Context

- **Net Metering Policy Grade**
  - F
- **Interconnection Policy Grade**
  - C

State Rankings for Average Electricity Price

- **Highest to Lowest**
  - MICHIGAN: 11.4 cents/kWh

Renewable Portfolio Standard

- **2021**
  - 15%

Renewable Portfolio Standard Carveouts

- N/A

Community Solar Program Grade

- N/A

Community Choice Aggregation Status

- CCA not available

Legal Status of Third Party Ownership

- Authorized by state, at least in certain jurisdictions

Property Assessed Clean Energy Financing (PACE) Status

- PACE enabling legislation; Active commercial PACE programs

State Installer Licensing Requirements

- Electrician's License

34%

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

15

State Ranking for Average Electricity Price

- 11.4 cents/kWh

Property Assessed Clean Energy Financing (PACE) Status

- PACE enabling legislation; Active commercial PACE programs

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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
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
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/