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.

Massachusetts lost solar jobs over the past two years, but the future looks bright with the new SMART program now in place. Support for renewable energy at the state and local levels will lead to even more job growth.

### Massachusetts Solar Jobs Census 2018

**State Solar Jobs:** 10,210

**State Ranking for Solar Jobs:** 3

**State Ranking for Solar Jobs Per Capita:** 7

- New Solar Jobs, 2018: -1,320
- Solar Jobs Growth, 2018: -11.4%
- State Rank by Net Solar Jobs Added, 2018: 50
- Projected Jobs Growth, 2019: 7.4%
- Percentage of State Solar Workers Who Are Veterans: 7.6%

### Solar Jobs by Sector

**Installation:**
- Jobs: 6,762
- (19% decrease)

**Manufacturing:**
- Jobs: 1,209
- (13% decrease)

**Wholesale Trade & Distribution:**
- Jobs: 998
- (11% decrease)

**Operations & Maintenance:**
- Jobs: 764

**Other:**
- Jobs: 477
- (25% decrease)

### Solar Industry Context

- **Cumulative Installed Solar Capacity¹:** 2,465 MW
- **State Ranking for Installed Solar Capacity¹:** 7
- **Enough Solar to Power 416,697 Homes¹:**

### State Ranking for Solar Jobs Per Capita

- **Solar Companies²:** 544
- **of State’s Electricity Generation from Solar³:** 10.69%
- **K-12 Solar Schools****: 261
- **10.2%**
- **K-12 Schools Have Gone Solar****: 1,209

Learn more at [SolarStates.org](http://SolarStates.org)
**TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Area</th>
<th>Solar Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Boston-Cambridge-Quincy</td>
<td>8,855</td>
</tr>
<tr>
<td>2</td>
<td>Springfield</td>
<td>610</td>
</tr>
<tr>
<td>3</td>
<td>Worcester</td>
<td>470</td>
</tr>
<tr>
<td>4</td>
<td>Providence-New Bedford-Fall River</td>
<td>313</td>
</tr>
</tbody>
</table>

**DID YOU KNOW?**

A new solar and storage system in Holyoke, located near a former coal and oil plant, will help the state meet its target for 200 MWh of energy storage by 2020.8

**MASSACHUSETTS**

**SOLAR POLICY CONTEXT**

<table>
<thead>
<tr>
<th>C</th>
<th>A</th>
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</thead>
<tbody>
<tr>
<td>Net Metering Policy Grade12</td>
<td>Interconnection Policy Grade6</td>
</tr>
</tbody>
</table>

Retail rate net metering is available for systems up to 25 kW. Larger systems up to 2 MW are compensated based on size and customer type provided that NEM caps haven’t been reached: Class 1: <60 kW retail rate; Class 2&3: 60 kW – 2MW - 60% of retail rate. When NEM caps are exceeded, projects up to 5MW can utilize alternative on-bill credit rates for excess, or in-front-of-the-meter generation via the SMART program tariff. The SMART program tariff is based on utility, region and project size. Both residential and nonresidential facilities are subject to demand charges.

**STATE INSTALLER LICENSING REQUIREMENTS7**

- Electrician’s License

**RENEWABLE PORTFOLIO STANDARD10**

- 35% by 2030

**RENEWABLE PORTFOLIO STANDARD CARVEOUTS10**

- 1600 MW Solar
- N/A Distributed Generation

**COMMUNITY SOLAR8**

Legislation Enacted

**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; In Development Commercial PACE Programs

**STATE RANKING FOR AVERAGE ELECTRICITY PRICE3**

- 18.32 CENTS/kWh

**DID YOU KNOW?**

A new solar and storage system in Holyoke, located near a former coal and oil plant, will help the state meet its target for 200 MWh of energy storage by 2020.8

2. SEIA, National Solar Database
6. Freeing the Grid 2015, a joint project of Vote Solar, Interstate Renewable Energy Council, and EQ Research
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