Residential Solar

DESCRIPTION
Residential Solar provides technical assistance and funding for the installation of solar photovoltaic (PV) panels on single family homes and multi-family residential buildings in Massachusetts.

BENEFITS
Rooftop or other residential solar PV panels will make electricity more affordable and has the potential to unlock major new employment opportunities. Investments in Residential Solar develop new workforce opportunities for construction workers, electricians, and engineers, and also create a significant number of jobs long-term in the broader economy by reducing household utility costs. The transition away from fossil fuel-intensive electricity also reduces outdoor air pollution.

RESULTS
Each dollar invested supports 75 percent more jobs than a dollar invested in the state’s ten largest industries. Additionally, every dollar invested saves $1.23 in household energy savings, improved public health, and climate benefits.

INVESTMENT SCALE
Moderate

DEPLOYMENT SPEED
Moderate to Fast

JOBS PER MILLION INVESTED

<table>
<thead>
<tr>
<th>Job Category</th>
<th>Jobs per Million Invested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Solar</td>
<td>13.5</td>
</tr>
<tr>
<td>State’s Ten Largest Industries</td>
<td>7.8</td>
</tr>
</tbody>
</table>

TOP OCCUPATIONS
1. General and Operations Managers
2. Management Analysts
3. Electrical, Electronic, and Electromechanical Assemblers
4. Customer Service Representatives
5. Office Administrators

BENEFITS PER MILLION INVESTED

- **Energy Cost Savings**
  - $907,000
  - Utility costs avoided by reducing grid reliance

- **Air Pollution Health Benefits**
  - $45,900
  - Saved lives and avoided illnesses from improved air quality

- **Climate Benefits**
  - $279,700
  - Avoided future damages of climate change from greenhouse gas pollution

Total
- $1,233,000

These findings are an excerpt from Investing in a Better Massachusetts: An Analysis of Jobs and Community Benefits from Green Investments. Read the full report here.