ENERGY SCORECARD: BRISTOL

Enhanced Energy Plan Status: Regionally Approved

Energy Efficiency

Bristol's total energy usage has increased by 6% between 2016 and 2020. Average residential usage has also increased by 6% in that same period.

Target: 2025
Energy Usage Reductions 11%

Take Action:
- Promote the replacement of lighting and appliances with efficient alternatives to homeowners and businesses
- Replace outdated appliances and lighting in municipal buildings

Contact Efficiency Vermont to learn more about available incentives.

Transportation and Land Use

According to the DMV, 133 of the 2546 cars registered in Bristol are electric, equalling 50% of the 2025 target.

Target: 2025
EVs in Use 265

Take Action:
- Update your zoning to increase density and transportation efficiency.
- Encourage the installation of public EV chargers on municipal property and at local businesses.
  - Contact the GMP Business Innovation Team for help.
- Host an EV demonstration event in your town.
  - Contact ACRPC or Drive Electric VT for more information.

Land Use Planning

<table>
<thead>
<tr>
<th>Land Use Planning</th>
<th>Current?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town Plan</td>
<td>✔️</td>
</tr>
<tr>
<td>Zoning and Subdivision Regulations</td>
<td>✔️</td>
</tr>
<tr>
<td>Village Center or Downtown designation</td>
<td>✔️</td>
</tr>
</tbody>
</table>

Grade: C

Grade: B
### Thermal Efficiency

**Heat Pumps**

90% Complete

Since 2016 Bristol has surpassed the 2025 target and installed 347 of the 386 heat pumps necessary to reach the 2035 target.

**Take Action:**
- Perform outreach to community on benefits and incentives of weatherization.
- Perform energy efficiency retrofits on municipal buildings.
Contact ACRPC or Efficiency VT for support.

**Weatherization**

<table>
<thead>
<tr>
<th>Project Count</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Performance with ENERGY STAR®</td>
<td>33</td>
</tr>
<tr>
<td>Other Weatherization</td>
<td>12</td>
</tr>
<tr>
<td>New Residential Construction</td>
<td>18</td>
</tr>
<tr>
<td><strong>Homes Weatherized</strong></td>
<td>63</td>
</tr>
</tbody>
</table>

Bristol has weatherized 4% of homes in town.

**Targets:**

<table>
<thead>
<tr>
<th></th>
<th>2025</th>
<th>2035</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Pumps Installed</td>
<td>✔</td>
<td>386</td>
</tr>
<tr>
<td>% Homes Weatherized</td>
<td>✔</td>
<td>9%</td>
</tr>
</tbody>
</table>

**Grade:** A

### Renewable Energy Generation

Bristol generates 3695 MWh of energy each year, equal to about 48% of the 2025 target.

**Target:**

<table>
<thead>
<tr>
<th>Renewable Generation (MWh)</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7665</td>
</tr>
</tbody>
</table>

**Take Action:**
- Participate in a community solar project.
- Consider commercial and municipal properties for rooftop or ground mount solar.
- Include anaerobic digestion in wastewater and manure management plans.

Contact ACRPC to learn more about opportunities.

**Grade:** C