ENERGY SCORECARD: RIPTON

Enhanced Energy Plan Status: Regionally Approved

Energy Efficiency

Ripton’s total energy usage has increased by 7% between 2016 and 2020. Average residential usage has also increased by 10% in that same period.

Energy Usage MWh

<table>
<thead>
<tr>
<th>Year</th>
<th>Residential</th>
<th>Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>1,000,000</td>
<td>300,000</td>
</tr>
<tr>
<td>2017</td>
<td>2,000,000</td>
<td>400,000</td>
</tr>
<tr>
<td>2018</td>
<td>3,000,000</td>
<td>500,000</td>
</tr>
<tr>
<td>2019</td>
<td>4,000,000</td>
<td>600,000</td>
</tr>
<tr>
<td>2020</td>
<td>4,000,000</td>
<td>600,000</td>
</tr>
</tbody>
</table>

Grade: C

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- Replace outdated appliances and lighting in municipal buildings.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.

Overall Score: B

Transportation and Land Use

According to the DMV, 28 of the 306 cars registered in Ripton are electric, equalling 58% of the 2025 target.


Take Action:
- Update zoning regulations 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.

Grade: B

<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>
Renewable Energy Generation

Ripton generates 299 MWh of energy each year, about 17% of the 2025 target.

**Target:** 2050

| Renewable Generation (MWh) | 1,718 |

**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

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Thermal Efficiency

Since 2016, Ripton has surpassed the 2025 and 2035 targets and installed 126 of the 133 heat pumps necessary to reach the 2050 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.

Grade: A

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### Heat Pumps

- **Complete:** 95%

### Weatherization

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

Ripton has weatherized 4% of homes in town.

### Renewable Generation

- **Solar:** 90.3%
- **Wind:** 9.7%