ENERGY SCORECARD: GOSHEN

Enhanced Energy Plan Status: None

Energy Efficiency

Goshen's total energy usage has increased by less than 1% between 2016 and 2020. Average residential usage has also increased by less than 1% in that same period.

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- Replace outdated appliances and lighting in municipal buildings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.

Target: 2025
Energy Usage Reductions 11%

Transportation and Land Use

According to the DMV, 7 of the 182 cars registered in Goshen are electric, equalling 50% 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.

Target: 2025
EVs in Use 14

Land Use Planning | Current ?
--- | ---
Town Plan | ✓
Zoning and Subdivision Regulations | ✓
Village Center or Downtown Designation | ✗
Renewable Energy Generation

Goshen generates 46.5 MWh of energy each year which is equal to about 6% of the 2025 target.

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

Thermal Efficiency

Heat Pumps

Since 2016 Goshen has surpassed the 2025 target and installed 9 of the 20 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.

Grade: A

Target:
Renewable Generation (MWh) 762

Weatherization

<table>
<thead>
<tr>
<th>Home Performance with ENERGY STAR®</th>
<th>Project Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Weatherization</td>
<td>1</td>
</tr>
<tr>
<td>New Residential Construction</td>
<td>0</td>
</tr>
</tbody>
</table>

Homes Weatherized 4

Goshen has weatherized 3% of homes in town.

Targets:

<table>
<thead>
<tr>
<th>Heat Pumps Installed</th>
<th>2025</th>
<th>2035</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>20</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>% Homes Weatherized</th>
<th>2025</th>
<th>2035</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>9%</td>
<td>47%</td>
<td></td>
</tr>
</tbody>
</table>