ENERGY SCORECARD: SHOREHAM

Enhanced Energy Plan Status: Regionally Approved

Energy Efficiency

Shoreham’s total energy usage increased by 3% between 2016 and 2020. However, average residential usage has decreased 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- Replace outdated appliances and lighting in municipal buildings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.

Grade: C

Target: 2025 2035
EVs in Use 86 584

Transportation and Land Use

According to the DMV, 31 of the 760 cars registered in Shoreham are electric, equalling 36% of the 2025 target.

Target:
- 2025
  - EVs in Use 86
  - Energy Efficiency 11%
- 2035
  - EVs in Use 584

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: C
Thermal Efficiency

**Heat Pumps**

Since 2016, Shoreham has surpassed the 2025 and 2035 targets and installed 137 of the 238 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.

**Weatherization**

<table>
<thead>
<tr>
<th>Project Count</th>
<th>2025</th>
<th>2035</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Performance with ENERGY STAR®</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Weatherization</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Residential Construction</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Homes Weatherized</strong></td>
<td>7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Shoreham has weatherized 1% 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>✓</td>
<td></td>
<td>238</td>
</tr>
<tr>
<td>% Homes Weatherized</td>
<td>2%</td>
<td>9%</td>
<td>47%</td>
</tr>
</tbody>
</table>

Renewable Energy Generation

**PV Tracker** 9.8%

**Ground-Mount PV** 26.8%

**Roof-Mount PV** 63.4%

Shoreham generates 1560 MWh of energy each year, about 30% of the 2025 target.

**Target:** 2025

| Renewable Generation (MWh) | 5,170 |

**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.