**ENERGY SCORECARD: STARKSBORO**

**Enhanced Energy Plan Status: Town Adopted**

### Energy Efficiency

Starksboro’s total energy usage increased by 4% between 2016 and 2020. Average residential usage has also increased by 1% in that same period.

- **Energy Usage:**
  - 2016: 2,500,000 MWh
  - 2017: 3,000,000 MWh
  - 2018: 3,500,000 MWh
  - 2019: 4,000,000 MWh
  - 2020: 4,500,000 MWh

**Grade:** C

**Target:**
- **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- Replace outdated appliances and lighting in municipal buildings.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, 33 of the 858 cars registered in Starksboro are electric, equalling 28% of the 2025 target.

- **EV Registrations:** 7
- **Hybrid Registrations:** 26
- **Total Registrations:** 820

**Target:**
- **EVs in Use:** 117

**Land Use Planning**

- **Town Plan:** ✓
- **Zoning and Subdivision Regulations:** ✓
- **Village Center or Downtown Designation:** X

**Grade:** C

**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.
## Renewable Energy Generation

Starksboro generates 973 MWh of energy each year, about 20% 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.

**Grade:** C

### Energy Sources

- **Solar:** 99.2%
- **Wind:** 0.8%

## Thermal Efficiency

Since 2016, Starksboro has surpassed the 2025 target and installed 93 of the 162 heat pumps necessary to reach the 2035 target.

### Heat Pumps

- 57% Complete

**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

### 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>

Starksboro has weatherized 2% of homes in town.

**Targets:**  
<table>
<thead>
<tr>
<th>2025</th>
<th>2035</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Pumps Installed</td>
<td>✔️</td>
<td>162</td>
</tr>
<tr>
<td>% Homes Weatherized</td>
<td>✔️</td>
<td>9%</td>
</tr>
</tbody>
</table>

## Grade

- **Heat Pumps:** 57% Complete
- **Weatherization:** A
- **Renewable Generation:** C