ENERGY SCORECARD: NEW HAVEN

Enhanced Energy Plan Status: Regionally Approved

Energy Efficiency

New Haven's total energy usage has increased by 3% between 2016 and 2020. Average residential usage has also increased by 1% 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- Replace outdated appliances and lighting in municipal buildings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, 65 of the 1230 cars registered in New Haven are electric, equalling 52% of the 2025 target.

Target: 2025 2035
- EVs in Use: 126 859

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.

Land Use Planning

Current?
- Town Plan: ✓
- Zoning and Subdivision Regulations: ✓
- Village Center or Downtown Designation: ✗
Renewable Energy Generation

New Haven generates 32,488 MWh of energy each year, about 98% of the 2025 target.

<table>
<thead>
<tr>
<th>Target: Renewable Generation (MWh)</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33,277</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.

Thermal Efficiency

Since 2016 New Haven has surpassed the 2025 and 2035 targets and installed 179 of the 332 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.

Heat Pumps

54%
Complete

<table>
<thead>
<tr>
<th>Target: Heat Pumps Installed</th>
<th>2025</th>
<th>2035</th>
<th>2050</th>
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<tbody>
<tr>
<td>Heat Pumps Installed</td>
<td>✓</td>
<td>✓</td>
<td>332</td>
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Weatherization

<table>
<thead>
<tr>
<th>Project Count</th>
<th>Home Performance with ENERGY STAR®</th>
<th>Other Weatherization</th>
<th>New Residential Construction</th>
<th>Homes Weatherized</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
<td>2</td>
<td>2</td>
<td>8</td>
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</tbody>
</table>

New Haven has weatherized 1% of homes in town.

Grade: B

Renewable Generation

<table>
<thead>
<tr>
<th>Source</th>
<th>% of Energy</th>
<th>Target 2025</th>
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<tbody>
<tr>
<td>Hydro</td>
<td>63%</td>
<td></td>
</tr>
<tr>
<td>Solar</td>
<td>36.9%</td>
<td></td>
</tr>
<tr>
<td>Wind</td>
<td>0.1%</td>
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</tbody>
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Grade: A