# Appendix E: Energy Targets

## TRORC Region

The following is an explanation of the information displayed in the Municipal Summary Worksheet for the TRORC Region.

The intent of the Municipal Summary is to provide your municipality with energy data that meets PSD's analysis and target standards to ensure your municipality's compliance with the requirements of Act 174 and "Enhanced Energy Planning" (24 V.S.A. § 4352). The worksheet contains data that estimates current energy use and provides targets for future energy use across all sectors (transportation, heating, and electricity). It also sets a target for renewable energy generation within the municipality.

This data is meant to be a starting point for your municipality to begin planning its energy future and to talk about the changes that may need to occur within the municipality to ensure that local, regional, and state energy goals are met. This includes the goal that 90% of all energy demand be met by renewable sources by 2050 (90x50 goal).

Estimates of current energy use and targets for future energy use are reliant upon the Vermont Pathways Model created in the LEAP software model for the region completed for PSD. To estimate the current energy use of your Town, TRORC used PDS's Municipal Consumption.

This tool uses inputs of data from the American Community Survey (ACS), the Vermont Agency of Transportation (VTrans), and the Vermont Department of Labor (DoL).

Targets for both future energy use and energy generation have been generally developed using a "bottom up" method of disaggregating regional data into the municipal level using PSD's Analysis and Targets Aid. PSD also makes certain assumptions within these tools based on statewide averages for energy consumption.

The targets established here show the direction in which change needs to occur to meet local, regional, and state energy goals. It is important to remember that the targets established by LEAP represent only one way to achieve energy goals. There may be other similar pathways your municipality may choose to meet your 90x50 goal. Please keep this in mind when reviewing the worksheet.

For those towns interested in learning more about how these estimates and targets were created, or about creating their own estimates and targets, please see PSD's Guidance for Regional & Municipal Enhanced Energy Planning Standards. Additionally, please refer to our Generation Scenarios Tool spreadsheet used to derive regional and municipality generation targets.[1]

### Data Sources

American Community Survey (ACS)

Vermont Department of Labor (DoL)

Vermont Department of Public Service (PSD)

Energy Information Administration (EIA)

Efficiency Vermont (EVT)

Low Emissions Analysis Platform (LEAP)

Vermont Energy Investment Corporation (VEIC)

Vermont Agency of Transportation (VTRANS)

1. *Generation Scenrarios Tool:* ***https://www.trorc.org/wp-content/uploads/2024/12/Generation-Scenarios-Tool-April-2024_FINAL.xlsx***



*Adopted 2/26/25*

# Municipal Summary Worksheet

The Municipal Summary worksheet summarizes all data that is required to be in the Municipal Plan if the plan is to meet the "determination" standards established by PSD.

## 4A. Current Transportation Energy Use in Region

| 2022 Transportation Data | |
|---|---|
| Total Number of Internal Combustion Engine (ICE) Vehicles[1] | 43,292 |
| Total Number of Electric Vehicles (EVs)[2] | 937 |
| Total Number of ICE Vehicles and EVs | 44,244 |
| Average Yearly Miles Driven per Vehicle[3] | 12,500 |
| Total Miles Driven per ICE Vehicle | 541,337,500 |
| Total Miles Driven per EV | 11,712,500 |
| Total Miles Driven per ICE Vehicle and EV | 552,862,500 |
| Average Fuel Economy of ICE Vehicles (Miles per Gallon)[4] | 22 |
| Average Fuel Economy of EVs (Miles per Kilowatt Hour)[4] | 3 |
| Total Gallons Consumed by ICE Vehicles per Year | 22,383,932 |
| Total Number of Kilowatt Hours Consumed by EVs per Year | 3,904,167 |
| Transportation Energy Consumed by ICE Vehicles (mmBtus)[4] | 2,901,773 |
| Transportation Energy Consumed by EVs (mmBtus)[4] | 13,321 |
| Transportation Energy Consumed by ICE Vehicles and EVs (mmBtus) | 2,915,094 |

This table calculates the energy use and energy cost of your residents' light-duty passenger vehicles. This does not include the energy use or energy cost of medium-duty vehicles, heavy-duty vehicles, mass transit, rail, commercial vehicles, or other modes of transportation. The Average Miles per Vehicle and Realized Miles per Gallon are 2021 statewide averages for light-duty passenger vehicles in Vermont as reported in the LEAP model. The Transportation Energy Used is calculated in Million British Thermal Units (mmBtus) using PSD's LEAP Municipal Consumption Template.

Data Sources: 1. ACS 2022 5-year Estimates. 2. Efficiency Vermont. 3. VTrans, 2021. 4. LEAP Municipal Consumption Template.

## 4A. Current Residential Heating Energy Use in Region

| Fuel Source[1] | Number of Households[1] | Percentage of Households | Square Footage Heated[2] (mmBtus) |
|---|---|---|---|
| Gas from Bottle or Tank (propane, butane, liquified petroleum gas) | 7,304 | 29.4% | 803,440 |
| Electricity | 1,326 | 5.3% | 145,860 |
| Fuel Oil, Kerosene, etc. | 9,890 | 39.9% | 1,087,900 |
| Coal or Coke | 36 | 0.1% | 3,960 |
| Wood | 5,446 | 22.0% | 599,060 |
| Solar Energy | 171 | 0.7% | 18,810 |
| Other Fuel | 573 | 2.3% | 63,030 |
| No Fuel Used | 58 | 0.2% | 6,380 |
| **Total** | **24,804** | **100.0%** | **2,728,440** |

This table displays 2022 ACS 5-year Estimates for the sources of fuel for occupied residences within the TRORC Region. The square footage heated figure is calculated in the PSD Municipal Consumption Template based on a statewide average annual heating load for residences, measured in Million British Thermal Units (mmBtus).

Data Source: 1. ACS 2022 5-year Estimates. 2. PSD Municipal Consumption Template.

## 4A. Current Commercial Heating Energy Use in Region

| Number of Commercial Establishments[1] | Total Thermal Energy Consumed by Commercial Establishments[2] (mmBtus) | Average Thermal Energy Consumed by Commercial Establishments[2] (mmBtus) |
|---|---|---|
| 2,039 | 1,811,275 | 888 |

This table displays the number of commercial establishments in 2022 for the TRORC Region as recorded by the Vermont DoL. The thermal energy estimate is calculated in the PSD Municipal Consumption Template based on a statewide average annual heating load for select commercial establishments, measured in Million British Thermal Units (mmBtus).

Data Sources: 1. VT DoL 2022. 2. PSD Municipal Consumption Template.

## 4A. Current Electricity Use in Region

| Use Sector | Current Electricity Use |
|---|---|
| Residential (MWh) | 185,994 |
| Commercial & Industrial (MWh) | 220,432 |
| **Total (MWh)** | **406,426** |

This table displays 2022 data from EVT for the commercial & industrial sector and residential sector in the TRORC Region.

Data Source: EVT 2022.

## 4B. Residential Thermal Efficiency Targets

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Weatherized for Increased Efficiency and Conservation | 49% | 57% | 83% |

This table displays targets for the cumulative percentage of residences that will be weatherized by the target year, thereby achieving increased thermal efficiency and energy conservation. These targets were developed using the PSD Analysis & Target Municipal Aid in the CAP Central Mitigation Scenario. To be counted, each weatherized residence will have to achieve a 25% reduction in heat energy.

Data Sources: PSD Analysis & Target Aid. ACS 2022 5-year Estimates.

## 4B. Commercial Thermal Efficiency Targets

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Weatherized for Increased Efficiency and Conservation | 44% | 32% | 54% |

This table displays targets for the cumulative percentage of commercial establishments that will be weatherized by the target year, thereby achieving increased thermal efficiency and energy conservation. These targets were developed using the PSD Analysis & Target Aid in the CAP Central Mitigation Scenario. To be counted, each weatherized commercial establishment will have to achieve a 25% reduction in heat energy.

Data Sources: PSD Analysis & Target Aid. VT DoL.

## 4B. Thermal Fuel Switching Targets – Heat Pumps

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Heat Pumps – Residences | 7,720 | 20,755 | 30,587 |
| Heat Pumps – Commercial Establishments | 1,198 | 3,623 | 4,633 |
| **Total** | **8,918** | **24,378** | **35,220** |

This table displays targets for the cumulative percentage of commercial establishments that will be weatherized by the target year, thereby achieving increased thermal efficiency and energy conservation. These targets were developed using the PSD Analysis & Target Aid in the CAP Central Mitigation Scenario. To be counted, each weatherized commercial establishment will have to achieve a 25% reduction in heat energy.

Data Sources: PSD Analysis & Target Aid. VT DoL.

## 4C. Use of Renewables - Transportation

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Light Duty Electric Vehicles | 5% | 52% | 100% |

This table shows the percentage of light duty vehicles that are electric vehicles in the target years for the TRORC Region in the CAP Central Mitigation Scenario.

Data Source: LEAP Analysis & Target Aid. EVT 2022.

## 4C. Transportation Fuel Switching Target – Electric Vehicles

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Battery Electric Vehicles | 2,024 | 24,962 | 53,894 |
| Plug In Hybrid Vehicles | 291 | 287 | 69 |
| **Total** | **2,315** | **25,249** | **53,962** |

This table shows the count of light duty vehicles that are electric vehicles in the target years for the TRORC Region in the CAP Central Mitigation Scenario.

Data Source: PSD Analysis & Target Aid. EVT 2022.

## 4D. Electric Efficiency Targets

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Cumulative Electricity Conserved – Residential (MWh) | 3,910 | 22,438 | 41,392 |

This table shows the megawatt hours (MWh) of electricity cumulatively conserved by residences within the TRORC Region by 2025, 2035, and 2050 based on modelling completed by EVT's 2022 Energy Efficiency Market Potential Study and PSD.

Data Source: EVT 2022 Energy Efficiency Market Potential Study. PSD Potential Study Data for RPCs Tool.

## 4D. Renewable Energy Generation Targets

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Total Renewable Energy Generation (MWh) | 253,584 | 259,484 | 338,533 |
| Incremental Renewable Energy Generation (MWh) | 1,504 | 7,403 | 86,453 |

This table shows targets for electric generation from renewable resources in megawatt hours (MWh) for the TRORC Region. This table also reports the incremental generation of new renewable energy needed by each target year. This figure shows the increase in generation needed from the region's 2022 renewable energy generation levels.

The figures for 2035 and 2050 were developed using Vermont Pathways CAP Mitigation scenario. The figures for 2025 were developed by TRORC equating to a 0.3% increase from 2022 generation figures.

Data Source: LEAP Generation Scenarios Tool.

## 4D. Use of Renewables - Heating

| | 2025 | 2035 | 2050 |
|---|---|---|---|
| Residences | 30% | 76% | 100% |
| Commercial | 25% | 65% | 69% |

The figures for 2035 and 2050 were developed using PSD's Generation Scenario Tool. The 2025 model uses 10% in-state generation, 2035 uses 20% in-state generation, and 2050 uses 25% in-state generation.

Data Source: EVT 2022 Energy Efficiency Market Potential Study. PSD Potential Study Data for RPCs Tool.

## 9A. Existing Renewable Generation

| Renewable Type | MW | MWh |
|---|---|---|
| Solar | 57.0 | 74,906 |
| Wind | 0.1 | 118 |
| Hydro | 39.8 | 174,233 |
| Biomass | 0.5 | 2,833 |
| Other | 0.0 | 0 |
| **Total** | **97.3** | **252,080** |

This table shows existing renewable generation in the TRORC Region for 2022, in both megawatt (MW) and megawatt hours (MWh), based on TRORC's calculation using Generation Scenario Tool and figures provided by PSD.

Data Source: PSD.

## 9B. Renewable Generation Potential

| Renewable Type | MW | MWh |
|---|---|---|
| Ground-mounted solar | 2,376 | 3,121,876 |
| Rooftop Solar | 463 | 607,973 |
| Wind | 393 | 516,106 |
| Hydro | 0 | 607 |
| Biomass & Methane | 40 | 52,267 |
| Other | 0 | 0 |
| **Total** | **3,272** | **4,298,829** |

Renewable generation potential is based on mapping completed by TRORC that is based on the Municipal Determination Standards and associated guidance documents developed by PSD. The renewable generation potential is expressed in MW and MWh by the type of renewable resource (solar, commercial wind, hydro, etc.).

Data Sources: PSD. TRORC.

## 9C. Sufficient Land

| Renewable | Land Available | Acreage Needed to Meet 2025 Target | | Acreage Needed to Meet 2035 Target | | Acreage Needed to Meet 2050 Target | |
|---|---|---|---|---|---|---|---|
| | Acres | Acres | % | Acres | % | Acres | % |
| Solar | 16,631 | 400 | 2.4% | 437 | 2.6% | 826 | 5.0% |
| Wind | 15,711 | 9 | 0.1% | 5 | 0.0% | 90 | 0.6% |
| Biomass | 3 | 3 | 100.0% | 3 | 100.0% | 3 | 100.0% |
| Hydro | 40 | 40 | 100.0% | 40 | 100.0% | 40 | 100.0% |
| **Total** | **32,385** | **452** | **1.4%** | **485** | **1.5%** | **959** | **3.0%** |

This table shows there is sufficient land in the TRORC Region to meet the renewable generation targets based on the renewable generation potential. The 'land available' category in this table only includes prime areas for wind and lands for solar generation that have no constraints and are not part of a priority forest block.

Data Source: EVT 2022 Energy Efficiency Market Potential Study. PSD Potential Study Data for RPCs Tool.

# Town Targets

## *Renewable Energy Generation*



## *Weatherization*



## *Heat Pumps*



## *Electrical Vehicles Targets*



# Renewable Energy Generation Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) |
| Barnard | 539 | 2 | 541 | 137 | 676 | 881 | 1,420 |
| Bethel | 2,862 | 9 | 2,871 | 312 | 3,174 | 3,948 | 6,811 |
| Bradford | 2,893 | 9 | 2,902 | 208 | 3,101 | 2,545 | 5,438 |
| Braintree | 466 | 1 | 467 | 98 | 564 | 742 | 1,208 |
| Bridgewater | 366 | 1 | 367 | 109 | 475 | 759 | 1,125 |
| Brookfield | 839 | 3 | 841 | 127 | 965 | 857 | 1,696 |
| Chelsea | 281 | 1 | 282 | 108 | 389 | 770 | 1,051 |
| Corinth | 585 | 2 | 586 | 105 | 690 | 807 | 1,392 |
| Fairlee | 2,035 | 6 | 2,041 | 108 | 2,143 | 1,278 | 3,314 |
| Granville | 175 | 1 | 175 | 69 | 244 | 230 | 404 |
| Hancock | 116 | 0 | 116 | 37 | 153 | 235 | 351 |
| Hartford | 172,370 | 517 | 172,887 | 2,588 | 174,958 | 37,967 | 210,337 |
| Hartland | 18,505 | 56 | 18,560 | 412 | 18,916 | 4,881 | 23,386 |
| Newbury | 7,080 | 21 | 7,101 | 279 | 7,359 | 2,537 | 9,618 |
| Norwich | 4,578 | 14 | 4,592 | 257 | 4,835 | 2,944 | 7,522 |
| Pittsfield | 236 | 1 | 237 | 54 | 291 | 495 | 731 |
| Plymouth | 383 | 1 | 384 | 117 | 500 | 779 | 1,162 |
| Pomfret | 806 | 2 | 808 | 97 | 903 | 811 | 1,617 |
| Randolph | 8,403 | 25 | 8,428 | 541 | 8,943 | 6,721 | 15,123 |
| Rochester | 679 | 2 | 681 | 137 | 816 | 911 | 1,590 |
| Royalton | 5,805 | 17 | 5,823 | 221 | 6,026 | 2,739 | 8,544 |
| Sharon | 5,575 | 17 | 5,592 | 153 | 5,728 | 1,786 | 7,361 |
| Stockbridge | 307 | 1 | 308 | 90 | 396 | 525 | 832 |
| Strafford | 7,713 | 23 | 7,736 | 179 | 7,893 | 1,799 | 9,512 |
| Thetford | 4,089 | 12 | 4,102 | 227 | 4,316 | 2,534 | 6,623 |
| Topsham | 117 | 0 | 117 | 105 | 222 | 623 | 740 |
| Tunbridge | 713 | 2 | 715 | 106 | 819 | 855 | 1,568 |
| Vershire | 444 | 1 | 446 | 92 | 536 | 424 | 868 |
| West Fairlee | 141 | 0 | 142 | 47 | 188 | 383 | 524 |
| Woodstock | 2,980 | 756 | 3,736 | 283 | 3,263 | 3,688 | 6,668 |
| **Total** | **252,080** | **1,504** | **253,584** | **7,403** | **259,484** | **86,453** | **338,533** |

** Targets for 2025 were calculated by multiplying each town's 2022 renewable energy generation by 0.3%. Targets for 2035 and 2050 were calculated using PSD's Scenario Generation Tool.*

# Solar Generation Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) |
| Barnard | 539.1 | 1.6 | 540.7 | 119.8 | 658.9 | 828.1 | 1,367.2 |
| Bethel | 990.9 | 3.0 | 993.9 | 316.9 | 1,307.8 | 3,632.6 | 4,623.5 |
| Bradford | 2,893.2 | 8.7 | 2,901.9 | 203.2 | 3,096.3 | 2,392.1 | 5,285.3 |
| Braintree | 466.0 | 1.4 | 467.4 | 68.2 | 534.3 | 697.2 | 1,163.3 |
| Bridgewater | 366.0 | 1.1 | 367.1 | 80.5 | 446.5 | 713.7 | 1,079.7 |
| Brookfield | 831.6 | 2.5 | 834.1 | 209.8 | 1,041.4 | 805.9 | 1,637.5 |
| Chelsea | 280.7 | 0.8 | 281.5 | 174.4 | 455.1 | 724.0 | 1,004.7 |
| Corinth | 584.6 | 1.8 | 586.4 | 87.8 | 672.4 | 758.5 | 1,343.1 |
| Fairlee | 2,035.3 | 6.1 | 2,041.4 | 89.9 | 2,125.2 | 1,201.8 | 3,237.0 |
| Granville | 164.3 | 0.5 | 164.8 | 30.1 | 194.4 | 215.8 | 380.1 |
| Hancock | 116.0 | 0.3 | 116.4 | 17.2 | 133.2 | 220.8 | 336.9 |
| Hartford | 16,432.5 | 49.3 | 16,481.8 | 2,490.4 | 18,922.9 | 34,929.4 | 51,361.9 |
| Hartland | 5,154.4 | 15.5 | 5,169.8 | 404.3 | 5,558.7 | 4,490.5 | 9,644.9 |
| Newbury | 3,996.6 | 12.0 | 4,008.6 | 217.8 | 4,214.5 | 2,334.4 | 6,331.0 |
| Norwich | 4,577.9 | 13.7 | 4,591.7 | 232.8 | 4,810.7 | 2,767.1 | 7,345.0 |
| Pittsfield | 236.4 | 0.7 | 237.1 | 38.0 | 274.4 | 465.1 | 701.5 |
| Plymouth | 382.6 | 1.1 | 383.7 | 80.4 | 463.0 | 732.4 | 1,115.0 |
| Pomfret | 806.0 | 2.4 | 808.4 | 103.1 | 909.1 | 762.0 | 1,568.0 |
| Randolph | 5,986.6 | 18.0 | 6,004.6 | 509.0 | 6,495.6 | 6,250.3 | 12,236.9 |
| Rochester | 675.9 | 2.0 | 678.0 | 94.5 | 770.4 | 856.5 | 1,532.5 |
| Royalton | 5,805.1 | 17.4 | 5,822.5 | 232.4 | 6,037.5 | 2,574.2 | 8,379.3 |
| Sharon | 5,575.1 | 16.7 | 5,591.8 | 143.0 | 5,718.1 | 1,679.0 | 7,254.1 |
| Stockbridge | 306.6 | 0.9 | 307.6 | 43.6 | 350.2 | 493.4 | 800.1 |
| Strafford | 7,684.0 | 23.1 | 7,707.1 | 209.4 | 7,893.5 | 1,690.8 | 9,374.8 |
| Thetford | 3,672.4 | 11.0 | 3,683.4 | 187.8 | 3,860.2 | 2,356.2 | 6,028.5 |
| Topsham | 117.1 | 0.4 | 117.5 | 103.2 | 220.4 | 585.8 | 702.9 |
| Tunbridge | 713.2 | 2.1 | 715.3 | 145.6 | 858.8 | 803.6 | 1,516.8 |
| Vershire | 444.3 | 1.3 | 445.6 | 79.3 | 523.6 | 398.4 | 842.8 |
| West Fairlee | 141.3 | 0.4 | 141.7 | 27.5 | 168.8 | 359.8 | 501.2 |
| Woodstock | 2,930.4 | 8.8 | 2,939.2 | 361.6 | 3,291.9 | 3,466.6 | 6,397.0 |
| **Total** | **74,906.1** | **224.7** | **75,130.8** | **7,101.8** | **82,007.8** | **80,186.3** | **155,092.4** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Wind Generation Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) |
| Barnard | - | - | - | 2.5 | 2.5 | 44.0 | 44.0 |
| Bethel | 9.7 | 0.0 | 9.7 | 6.7 | 16.3 | 197.4 | 207.1 |
| Bradford | - | - | - | 4.2 | 4.2 | 127.2 | 127.2 |
| Braintree | - | - | - | 1.4 | 1.4 | 37.1 | 37.1 |
| Bridgewater | - | - | - | 1.7 | 1.7 | 38.0 | 38.0 |
| Brookfield | 6.9 | 0.0 | 6.9 | 4.3 | 11.2 | 42.9 | 49.8 |
| Chelsea | - | - | - | 3.6 | 3.6 | 38.5 | 38.5 |
| Corinth | - | - | - | 1.8 | 1.8 | 40.3 | 40.3 |
| Fairlee | - | - | - | 1.9 | 1.9 | 63.9 | 63.9 |
| Granville | 10.5 | 0.0 | 10.6 | 0.6 | 11.1 | 11.5 | 22.0 |
| Hancock | - | - | - | 0.4 | 0.4 | 11.7 | 11.7 |
| Hartford | 9.5 | 0.0 | 9.5 | 52.4 | 61.9 | 1,898.3 | 1,907.8 |
| Hartland | - | - | - | 8.5 | 8.5 | 244.0 | 244.0 |
| Newbury | - | - | - | 4.6 | 4.6 | 126.9 | 126.9 |
| Norwich | - | - | - | 4.8 | 4.8 | 147.2 | 147.2 |
| Pittsfield | - | - | - | 0.8 | 0.8 | 24.7 | 24.7 |
| Plymouth | - | - | - | 1.7 | 1.7 | 39.0 | 39.0 |
| Pomfret | - | - | - | 2.1 | 2.1 | 40.5 | 40.5 |
| Randolph | - | - | - | 10.6 | 10.6 | 336.0 | 336.0 |
| Rochester | 2.8 | 0.0 | 2.8 | 1.9 | 4.7 | 45.6 | 48.3 |
| Royalton | - | - | - | 4.8 | 4.8 | 136.9 | 136.9 |
| Sharon | - | - | - | 2.9 | 2.9 | 89.3 | 89.3 |
| Stockbridge | - | - | - | 0.9 | 0.9 | 26.2 | 26.2 |
| Strafford | 29.2 | 0.1 | 29.3 | 4.3 | 33.5 | 89.9 | 119.1 |
| Thetford | - | - | - | 3.9 | 3.9 | 126.7 | 126.7 |
| Topsham | - | - | - | 2.1 | 2.1 | 31.2 | 31.2 |
| Tunbridge | - | - | - | 3.0 | 3.0 | 42.7 | 42.7 |
| Vershire | - | - | - | 1.6 | 1.6 | 21.2 | 21.2 |
| West Fairlee | - | - | - | 0.6 | 0.6 | 19.1 | 19.1 |
| Woodstock | 49.4 | 0.1 | 49.6 | 7.5 | 56.9 | 184.4 | 233.8 |
| **Total** | **117.9** | **0.4** | **118.3** | **148.1** | **266.0** | **4,322.6** | **4,440.6** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Biomass Generation Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) |
| Barnard | - | - | - | - | - | - | - |
| Bethel | - | - | - | - | - | - | - |
| Bradford | - | - | - | - | - | - | - |
| Braintree | - | - | - | - | - | - | - |
| Bridgewater | - | - | - | - | - | - | - |
| Brookfield | - | - | - | - | - | - | - |
| Chelsea | - | - | - | - | - | - | - |
| Corinth | - | - | - | - | - | - | - |
| Fairlee | - | - | - | - | - | - | - |
| Granville | - | - | - | - | - | - | - |
| Hancock | - | - | - | - | - | - | - |
| Hartford | - | - | - | - | - | - | - |
| Hartland | - | - | - | - | - | - | - |
| Newbury | - | - | - | - | - | - | - |
| Norwich | - | - | - | - | - | - | - |
| Pittsfield | - | - | - | - | - | - | - |
| Plymouth | - | - | - | - | - | - | - |
| Pomfret | - | - | - | - | - | - | - |
| Randolph | 2,416.0 | 7.2 | 2,423.3 | 5.3 | 2,421.3 | 67.2 | 2,483.2 |
| Rochester | - | - | - | - | - | - | - |
| Royalton | - | - | - | - | - | - | - |
| Sharon | - | - | - | - | - | - | - |
| Stockbridge | - | - | - | - | - | - | - |
| Strafford | - | - | - | - | - | - | - |
| Thetford | 417.0 | 1.3 | 418.2 | 2.0 | 418.9 | 25.3 | 442.3 |
| Topsham | - | - | - | - | - | - | - |
| Tunbridge | - | - | - | - | - | - | - |
| Vershire | - | - | - | - | - | - | - |
| West Fairlee | - | - | - | - | - | - | - |
| Woodstock | - | - | - | - | - | - | - |
| **Total** | **2,833.0** | **8.5** | **2,841.5** | **7.3** | **2,840.2** | **92.5** | **2,925.5** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Hydro Generation Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) | Incremental Generation (MWh) | Generation Target (MWh) |
| Barnard | - | - | - | - | - | - | - |
| Bethel | 1,861.5 | 5.6 | 1,867.1 | 6.7 | 1,868.2 | 79.0 | 1,940.5 |
| Bradford | - | - | - | - | - | - | - |
| Braintree | - | - | - | - | - | - | - |
| Bridgewater | - | - | - | - | - | - | - |
| Brookfield | - | - | - | - | - | - | - |
| Chelsea | - | - | - | - | - | - | - |
| Corinth | - | - | - | - | - | - | - |
| Fairlee | - | - | - | - | - | - | - |
| Granville | - | - | - | - | - | - | - |
| Hancock | - | - | - | - | - | - | - |
| Hartford | 155,928.0 | 467.8 | 156,395.8 | 52.4 | 155,980.4 | 759.3 | 156,687.3 |
| Hartland | 13,350.2 | 40.1 | 13,390.3 | 8.5 | 13,358.8 | 97.6 | 13,447.9 |
| Newbury | 3,083.5 | 9.3 | 3,092.8 | 4.6 | 3,088.1 | 50.7 | 3,134.3 |
| Norwich | - | - | - | - | - | - | - |
| Pittsfield | - | - | - | - | - | - | - |
| Plymouth | - | - | - | - | - | - | - |
| Pomfret | - | - | - | - | - | - | - |
| Randolph | - | - | - | - | - | - | - |
| Rochester | - | - | - | - | - | - | - |
| Royalton | - | - | - | - | - | - | - |
| Sharon | - | - | - | - | - | - | - |
| Stockbridge | - | - | - | - | - | - | - |
| Strafford | - | - | - | - | - | - | - |
| Thetford | - | - | - | - | - | - | - |
| Topsham | - | - | - | - | - | - | - |
| Tunbridge | - | - | - | - | - | - | - |
| Vershire | - | - | - | - | - | - | - |
| West Fairlee | - | - | - | - | - | - | - |
| Woodstock | - | - | - | - | - | - | - |
| **Total** | **174,223.3** | **522.7** | **174,745.9** | **72.2** | **174,295.5** | **986.7** | **175,209.9** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Energy Capacity Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) |
| Barnard | 0.4 | 0.0 | 0.4 | 0.1 | 0.5 | 0.7 | 1.1 |
| Bethel | 1.2 | 0.0 | 1.2 | 0.2 | 1.4 | 2.9 | 4.1 |
| Bradford | 2.2 | 0.0 | 2.2 | 0.2 | 2.4 | 1.9 | 4.1 |
| Braintree | 0.4 | 0.0 | 0.4 | 0.1 | 0.4 | 0.5 | 0.9 |
| Bridgewater | 0.3 | 0.0 | 0.3 | 0.1 | 0.3 | 0.6 | 0.8 |
| Brookfield | 0.6 | 0.0 | 0.6 | 0.2 | 0.8 | 0.6 | 1.3 |
| Chelsea | 0.2 | 0.0 | 0.2 | 0.1 | 0.3 | 0.6 | 0.8 |
| Corinth | 0.4 | 0.0 | 0.4 | 0.1 | 0.5 | 0.6 | 1.0 |
| Fairlee | 1.5 | 0.0 | 1.6 | 0.1 | 1.6 | 0.9 | 2.5 |
| Granville | 0.1 | 0.0 | 0.1 | 0.0 | 0.2 | 0.2 | 0.3 |
| Hancock | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 |
| Hartford | 48.1 | 0.1 | 48.3 | 1.9 | 50.0 | 27.7 | 75.8 |
| Hartland | 7.0 | 0.0 | 7.0 | 0.3 | 7.3 | 3.6 | 10.5 |
| Newbury | 3.7 | 0.0 | 3.8 | 0.2 | 3.9 | 1.9 | 5.6 |
| Norwich | 3.5 | 0.0 | 3.5 | 0.2 | 3.7 | 2.2 | 5.7 |
| Pittsfield | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | 0.4 | 0.5 |
| Plymouth | 0.3 | 0.0 | 0.3 | 0.1 | 0.4 | 0.6 | 0.9 |
| Pomfret | 0.6 | 0.0 | 0.6 | 0.1 | 0.7 | 0.6 | 1.2 |
| Randolph | 5.0 | 0.0 | 5.0 | 0.4 | 5.3 | 4.9 | 9.9 |
| Rochester | 0.5 | 0.0 | 0.5 | 0.1 | 0.6 | 0.7 | 1.2 |
| Royalton | 4.4 | 0.0 | 4.4 | 0.2 | 4.6 | 2.0 | 6.4 |
| Sharon | 4.2 | 0.0 | 4.3 | 0.1 | 4.4 | 1.3 | 5.6 |
| Stockbridge | 0.2 | 0.0 | 0.2 | 0.0 | 0.3 | 0.4 | 0.6 |
| Strafford | 5.9 | 0.0 | 5.9 | 0.2 | 6.0 | 1.3 | 7.2 |
| Thetford | 2.9 | 0.0 | 2.9 | 0.1 | 3.0 | 1.9 | 4.7 |
| Topsham | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.5 | 0.6 |
| Tunbridge | 0.5 | 0.0 | 0.5 | 0.1 | 0.7 | 0.6 | 1.2 |
| Vershire | 0.3 | 0.0 | 0.3 | 0.1 | 0.4 | 0.3 | 0.7 |
| West Fairlee | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.3 | 0.4 |
| Woodstock | 2.3 | 0.0 | 2.3 | 0.3 | 2.5 | 2.7 | 5.0 |
| **Total** | **97.3** | **0.3** | **97.6** | **5.5** | **102.8** | **63.5** | **160.8** |

** Targets were calculated by multiplying each town's Energy Capacity targets by a capacity factor given in PSD's Generation Scenario Tool.*

# Solar Capacity Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) |
| Barnard | 0.4 | 0.0 | 0.4 | 0.1 | 0.5 | 0.6 | 1.0 |
| Bethel | 0.8 | 0.0 | 0.8 | 0.2 | 1.0 | 2.8 | 3.5 |
| Bradford | 2.2 | 0.0 | 2.2 | 0.2 | 2.4 | 1.8 | 4.0 |
| Braintree | 0.4 | 0.0 | 0.4 | 0.1 | 0.4 | 0.5 | 0.9 |
| Bridgewater | 0.3 | 0.0 | 0.3 | 0.1 | 0.3 | 0.5 | 0.8 |
| Brookfield | 0.6 | 0.0 | 0.6 | 0.2 | 0.8 | 0.6 | 1.2 |
| Chelsea | 0.2 | 0.0 | 0.2 | 0.1 | 0.3 | 0.6 | 0.8 |
| Corinth | 0.4 | 0.0 | 0.4 | 0.1 | 0.5 | 0.6 | 1.0 |
| Fairlee | 1.5 | 0.0 | 1.6 | 0.1 | 1.6 | 0.9 | 2.5 |
| Granville | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 |
| Hancock | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 |
| Hartford | 12.5 | 0.0 | 12.5 | 1.9 | 14.4 | 26.6 | 39.1 |
| Hartland | 3.9 | 0.0 | 3.9 | 0.3 | 4.2 | 3.4 | 7.3 |
| Newbury | 3.0 | 0.0 | 3.1 | 0.2 | 3.2 | 1.8 | 4.8 |
| Norwich | 3.5 | 0.0 | 3.5 | 0.2 | 3.7 | 2.1 | 5.6 |
| Pittsfield | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | 0.4 | 0.5 |
| Plymouth | 0.3 | 0.0 | 0.3 | 0.1 | 0.4 | 0.6 | 0.8 |
| Pomfret | 0.6 | 0.0 | 0.6 | 0.1 | 0.7 | 0.6 | 1.2 |
| Randolph | 4.6 | 0.0 | 4.6 | 0.4 | 4.9 | 4.8 | 9.3 |
| Rochester | 0.5 | 0.0 | 0.5 | 0.1 | 0.6 | 0.7 | 1.2 |
| Royalton | 4.4 | 0.0 | 4.4 | 0.2 | 4.6 | 2.0 | 6.4 |
| Sharon | 4.2 | 0.0 | 4.3 | 0.1 | 4.4 | 1.3 | 5.5 |
| Stockbridge | 0.2 | 0.0 | 0.2 | 0.0 | 0.3 | 0.4 | 0.6 |
| Strafford | 5.8 | 0.0 | 5.9 | 0.2 | 6.0 | 1.3 | 7.1 |
| Thetford | 2.8 | 0.0 | 2.8 | 0.1 | 2.9 | 1.8 | 4.6 |
| Topsham | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 |
| Tunbridge | 0.5 | 0.0 | 0.5 | 0.1 | 0.7 | 0.6 | 1.2 |
| Vershire | 0.3 | 0.0 | 0.3 | 0.1 | 0.4 | 0.3 | 0.6 |
| West Fairlee | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.3 | 0.4 |
| Woodstock | 2.2 | 0.0 | 2.2 | 0.3 | 2.5 | 2.6 | 4.9 |
| **Total** | **57.0** | **0.2** | **57.2** | **5.4** | **62.4** | **61.0** | **118.0** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Wind Capacity Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) |
| Barnard | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bethel | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| Bradford | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Braintree | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bridgewater | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Brookfield | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Chelsea | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Corinth | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fairlee | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Granville | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Hancock | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Hartford | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.4 |
| Hartland | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| Newbury | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Norwich | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Pittsfield | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Plymouth | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Pomfret | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Randolph | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.3 |
| Rochester | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Royalton | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Sharon | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Stockbridge | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Strafford | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Thetford | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Topsham | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tunbridge | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Vershire | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| West Fairlee | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Woodstock | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| **Total** | **0.1** | **0.0** | **0.2** | **0.1** | **0.2** | **2.2** | **3.3** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Biomass Capacity Targets

| | | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| Town | 2022 Existing Generation (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) |
| Barnard | - | - | - | - | - | - | - |
| Bethel | - | - | - | - | - | - | - |
| Bradford | - | - | - | - | - | - | - |
| Braintree | - | - | - | - | - | - | - |
| Bridgewater | - | - | - | - | - | - | - |
| Brookfield | - | - | - | - | - | - | - |
| Chelsea | - | - | - | - | - | - | - |
| Corinth | - | - | - | - | - | - | - |
| Fairlee | - | - | - | - | - | - | - |
| Granville | - | - | - | - | - | - | - |
| Hancock | - | - | - | - | - | - | - |
| Hartford | - | - | - | - | - | - | - |
| Hartland | - | - | - | - | - | - | - |
| Newbury | - | - | - | - | - | - | - |
| Norwich | - | - | - | - | - | - | - |
| Pittsfield | - | - | - | - | - | - | - |
| Plymouth | - | - | - | - | - | - | - |
| Pomfret | - | - | - | - | - | - | - |
| Randolph | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 |
| Rochester | - | - | - | - | - | - | - |
| Royalton | - | - | - | - | - | - | - |
| Sharon | - | - | - | - | - | - | - |
| Stockbridge | - | - | - | - | - | - | - |
| Strafford | - | - | - | - | - | - | - |
| Thetford | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 |
| Topsham | - | - | - | - | - | - | - |
| Tunbridge | - | - | - | - | - | - | - |
| Vershire | - | - | - | - | - | - | - |
| West Fairlee | - | - | - | - | - | - | - |
| Woodstock | - | - | - | - | - | - | - |
| **Total** | **0.5** | **0.0** | **0.5** | **0.0** | **0.5** | **0.0** | **0.5** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Hydro Capacity Targets

| Town | 2022 Existing Generation (MWh) | 2025 Target | | 2035 Target | | 2050 Target | |
|---|---|---|---|---|---|---|---|
| | | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) | Incremental Capacity (MWh) | Installed Capacity (MWh) |
| Barnard | - | - | - | - | - | - | - |
| Bethel | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 |
| Bradford | - | - | - | - | - | - | - |
| Braintree | - | - | - | - | - | - | - |
| Bridgewater | - | - | - | - | - | - | - |
| Brookfield | - | - | - | - | - | - | - |
| Chelsea | - | - | - | - | - | - | - |
| Corinth | - | - | - | - | - | - | - |
| Fairlee | - | - | - | - | - | - | - |
| Granville | - | - | - | - | - | - | - |
| Hancock | - | - | - | - | - | - | - |
| Hartford | 35.6 | 0.1 | 35.7 | 0.0 | 35.6 | 0.2 | 35.8 |
| Hartland | 3.0 | 0.0 | 3.1 | 0.0 | 3.0 | 0.0 | 3.1 |
| Newbury | 0.7 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 0.7 |
| Norwich | - | - | - | - | - | - | - |
| Pittsfield | - | - | - | - | - | - | - |
| Plymouth | - | - | - | - | - | - | - |
| Pomfret | - | - | - | - | - | - | - |
| Randolph | - | - | - | - | - | - | - |
| Rochester | - | - | - | - | - | - | - |
| Royalton | - | - | - | - | - | - | - |
| Sharon | - | - | - | - | - | - | - |
| Stockbridge | - | - | - | - | - | - | - |
| Strafford | - | - | - | - | - | - | - |
| Thetford | - | - | - | - | - | - | - |
| Topsham | - | - | - | - | - | - | - |
| Tunbridge | - | - | - | - | - | - | - |
| Vershire | - | - | - | - | - | - | - |
| West Fairlee | - | - | - | - | - | - | - |
| Woodstock | - | - | - | - | - | - | - |
| **Total** | **39.8** | **0.1** | **39.9** | **0.0** | **39.8** | **0.2** | **40.0** |

**2035 and 2050 MWh calculated in Generation Scenario Tool - April 2024_12-13-2024.*

# Weatherization

| | Residential | | | Commercial | | |
|---|---|---|---|---|---|---|
| Town | 2025 | 2035 | 2050 | 2025 | 2035 | 2050 |
| Barnard | 212 | 267 | 432 | 11 | 11 | 24 |
| Bethel | 355 | 310 | 182 | 25 | 19 | 34 |
| Bradford | 593 | 734 | 1,154 | 37 | 26 | 42 |
| Braintree | 203 | 162 | 99 | 4 | 3 | 6 |
| Bridgewater | 285 | 459 | 974 | 12 | 11 | 24 |
| Brookfield | 356 | 550 | 1,122 | 9 | 10 | 23 |
| Chelsea | 250 | 256 | 278 | 12 | 9 | 16 |
| Corinth | 398 | 621 | 1,280 | 10 | 10 | 22 |
| Fairlee | 279 | 396 | 742 | 18 | 12 | 17 |
| Granville | 77 | 98 | 160 | 3 | 3 | 5 |
| Hancock | 94 | 128 | 230 | 5 | 4 | 8 |
| Hartford | 2,278 | 2,795 | 4,342 | 234 | 209 | 437 |
| Hartland | 802 | 1,061 | 1,833 | 26 | 24 | 51 |
| Newbury | 463 | 523 | 706 | 15 | 10 | 12 |
| Norwich | 599 | 610 | 651 | 76 | 72 | 157 |
| Pittsfield | 91 | 95 | 107 | 11 | 9 | 19 |
| Plymouth | 124 | 159 | 266 | 4 | 1 | 1 |
| Pomfret | 194 | 224 | 316 | 15 | 14 | 29 |
| Randolph | 1,045 | 1,453 | 2,665 | 66 | 47 | 74 |
| Rochester | 331 | 500 | 999 | 20 | 19 | 41 |
| Royalton | 536 | 537 | 546 | 34 | 30 | 64 |
| Sharon | 279 | 301 | 367 | 11 | 10 | 19 |
| Stockbridge | 189 | 274 | 526 | 7 | 6 | 11 |
| Strafford | 254 | 327 | 545 | 9 | 5 | 5 |
| Thetford | 636 | 876 | 1,587 | 34 | 30 | 64 |
| Topsham | 193 | 193 | 197 | 4 | 3 | 3 |
| Tunbridge | 277 | 352 | 574 | 9 | 9 | 21 |
| Vershire | 187 | 281 | 562 | 4 | 3 | 5 |
| West Fairlee | 211 | 325 | 663 | 2 | 1 | 2 |
| Woodstock | 680 | 833 | 1,293 | 117 | 99 | 197 |
| ***Total*** | **12,468** | **15,700** | **25,397** | **848** | **720** | **1,432** |

**All units are number of residences or commercial establishments to be weatherized. Targets were calculates using PSD's Analysis & Target.*

# Heat Pumps

| | Residential | | | Commercial | | |
|---|---|---|---|---|---|---|
| Town | 2025 | 2035 | 2050 | 2025 | 2035 | 2050 |
| Barnard | 171 | 459 | 676 | 16 | 54 | 77 |
| Bethel | 286 | 532 | 285 | 35 | 97 | 110 |
| Bradford | 477 | 1,261 | 1,807 | 52 | 133 | 137 |
| Braintree | 163 | 279 | 154 | 6 | 16 | 20 |
| Bridgewater | 230 | 789 | 1,525 | 17 | 56 | 76 |
| Brookfield | 287 | 945 | 1,756 | 13 | 49 | 74 |
| Chelsea | 201 | 440 | 435 | 17 | 47 | 51 |
| Corinth | 320 | 1,067 | 2,005 | 15 | 50 | 71 |
| Fairlee | 225 | 680 | 1,162 | 26 | 60 | 54 |
| Granville | 62 | 168 | 251 | 4 | 13 | 17 |
| Hancock | 76 | 221 | 359 | 7 | 21 | 26 |
| Hartford | 1,834 | 4,805 | 6,799 | 331 | 1,051 | 1,413 |
| Hartland | 646 | 1,824 | 2,870 | 37 | 120 | 164 |
| Newbury | 373 | 900 | 1,105 | 22 | 49 | 39 |
| Norwich | 482 | 1,049 | 1,019 | 108 | 361 | 509 |
| Pittsfield | 73 | 163 | 168 | 15 | 47 | 61 |
| Plymouth | 100 | 274 | 416 | 5 | 6 | 2 |
| Pomfret | 156 | 385 | 495 | 21 | 69 | 95 |
| Randolph | 841 | 2,498 | 4,173 | 94 | 237 | 239 |
| Rochester | 267 | 859 | 1,565 | 29 | 95 | 133 |
| Royalton | 431 | 922 | 855 | 47 | 152 | 207 |
| Sharon | 225 | 517 | 575 | 16 | 48 | 60 |
| Stockbridge | 152 | 470 | 823 | 10 | 29 | 36 |
| Strafford | 204 | 562 | 854 | 13 | 27 | 16 |
| Thetford | 512 | 1,505 | 2,486 | 48 | 153 | 208 |
| Topsham | 155 | 332 | 308 | 6 | 13 | 10 |
| Tunbridge | 223 | 605 | 898 | 13 | 46 | 67 |
| Vershire | 150 | 483 | 879 | 6 | 16 | 18 |
| West Fairlee | 169 | 558 | 1,037 | 3 | 7 | 8 |
| Woodstock | 547 | 1,433 | 2,025 | 165 | 499 | 637 |
| **Total** | **10,039** | **26,987** | **39,767** | **1,198** | **3,623** | **4,633** |

**Targets were calculates using PSD's Analysis & Target Aid.*

# Electric Vehicles Targets

| | Battery Electric | | | Plug-In Hybrid | | | Total E.Vs | | |
|---|---|---|---|---|---|---|---|---|---|
| Town | 2025 | 2035 | 2050 | 2025 | 2035 | 2050 | 2025 | 2035 | 2050 |
| Barnard | 34 | 392 | 760 | 5 | 5 | 1 | 39 | 397 | 761 |
| Bethel | 64 | 649 | 966 | 9 | 7 | 1 | 73 | 656 | 967 |
| Bradford | 97 | 1,217 | 2,675 | 14 | 14 | 3 | 111 | 1,231 | 2,678 |
| Braintree | 33 | 234 | 119 | 5 | 3 | - | 38 | 237 | 119 |
| Bridgewater | 44 | 682 | 1,919 | 6 | 8 | 2 | 50 | 690 | 1,921 |
| Brookfield | 55 | 757 | 1,869 | 8 | 9 | 2 | 63 | 766 | 1,871 |
| Chelsea | 42 | 428 | 644 | 6 | 5 | 1 | 48 | 433 | 645 |
| Corinth | 67 | 992 | 2,665 | 10 | 11 | 3 | 77 | 1,003 | 2,668 |
| Fairlee | 45 | 619 | 1,529 | 6 | 7 | 2 | 51 | 626 | 1,531 |
| Granville | 13 | 158 | 331 | 2 | 2 | - | 15 | 160 | 331 |
| Hancock | 22 | 375 | 1,118 | 3 | 4 | 1 | 25 | 379 | 1,119 |
| Hartford | 327 | 3,933 | 8,117 | 47 | 45 | 10 | 374 | 3,978 | 8,127 |
| Hartland | 139 | 1,812 | 4,211 | 20 | 21 | 5 | 159 | 1,833 | 4,216 |
| Newbury | 73 | 811 | 1,454 | 11 | 9 | 2 | 84 | 820 | 1,456 |
| Norwich | 105 | 1,090 | 1,681 | 15 | 13 | 2 | 120 | 1,103 | 1,683 |
| Pittsfield | 13 | 101 | 119 | 2 | 1 | - | 15 | 102 | 119 |
| Plymouth | 19 | 214 | 398 | 3 | 2 | 1 | 22 | 216 | 399 |
| Pomfret | 34 | 366 | 628 | 5 | 4 | 1 | 39 | 370 | 629 |
| Randolph | 155 | 2,037 | 4,771 | 22 | 23 | 6 | 177 | 2,060 | 4,777 |
| Rochester | 53 | 795 | 2,153 | 8 | 9 | 3 | 61 | 804 | 2,156 |
| Royalton | 91 | 982 | 1,685 | 13 | 11 | 2 | 104 | 993 | 1,687 |
| Sharon | 49 | 521 | 851 | 7 | 6 | 1 | 56 | 527 | 852 |
| Stockbridge | 30 | 402 | 982 | 4 | 5 | 1 | 34 | 407 | 983 |
| Strafford | 48 | 624 | 1,425 | 7 | 7 | 2 | 55 | 631 | 1,427 |
| Thetford | 117 | 1,609 | 3,987 | 17 | 19 | 5 | 134 | 1,628 | 3,992 |
| Topsham | 30 | 231 | 119 | 4 | 3 | - | 34 | 234 | 119 |
| Tunbridge | 48 | 571 | 1,181 | 7 | 7 | 2 | 55 | 578 | 1,183 |
| Vershire | 35 | 539 | 1,496 | 5 | 6 | 2 | 40 | 545 | 1,498 |
| West Fairlee | 33 | 493 | 1,323 | 5 | 6 | 2 | 38 | 499 | 1,325 |
| Woodstock | 111 | 1,328 | 2,716 | 16 | 15 | 3 | 127 | 1,343 | 2,719 |
| **Total** | **2,026** | **24,962** | **53,892** | **292** | **287** | **66** | **2,318** | **25,249** | **53,958** |

** Targets were calculates using PSD's Analysis & Target Aid.*

# Prime Solar and Wind

| Town | Prime Solar | Prime Wind |
|---|---|---|
| Barnard | 368 | 842 |
| Bethel | 1,023 | 338 |
| Bradford | 728 | 127 |
| Braintree | 361 | 78 |
| Bridgewater | 280 | 347 |
| Brookfield | 1,145 | 1,763 |
| Chelsea | 596 | 1,763 |
| Corinth | 476 | 258 |
| Fairlee | 125 | 51 |
| Granville | 252 | 46 |
| Hancock | 31 | 24 |
| Hartford | 1,747 | 439 |
| Hartland | 1,080 | 901 |
| Newbury | 980 | 213 |
| Norwich | 884 | 102 |
| Pittsfield | 94 | 43 |
| Plymouth | 215 | 371 |
| Pomfret | 321 | 659 |
| Randolph | 1,243 | 470 |
| Rochester | 546 | 167 |
| Royalton | 637 | 531 |
| Sharon | 267 | 328 |
| Stockbridge | 123 | 94 |
| Strafford | 372 | 1,403 |
| Thetford | 610 | 21 |
| Topsham | 426 | 799 |
| Tunbridge | 577 | 1,158 |
| Vershire | 210 | 782 |
| West Fairlee | 64 | 21 |
| Woodstock | 850 | 1,572 |
| **Total** | **16,631** | **15,711** |

** Theses prime areas for wind and solar generation were calculated by the Vermont Center for Geographic Information. TRORC excluded the acres of priority forest blocks mapped by the Vermont Agency of Natural Resources.*