



# Town of Canaan Annual Energy Benchmarking Report 2021 + 2023

## OVERVIEW

This annual report is used to track municipal buildings' energy performance and is created in compliance with a passed Resolution 69-2018 on October 1, 2018. Comparisons between annual reports can provide insights into energy use, including potential cost savings. This report includes only municipal buildings.

## PROPERTY INFORMATION

This table provides basic information about each municipal building over 1,000 sq. ft. in size.

| Property Name       | Address          | Gross Property Area (ft <sup>2</sup> ) |
|---------------------|------------------|--|
| Canaan Town Hall    | 1647 County Rt 5 | 6,000                                  |
| Canaan High Garage  | 1898 Rt 295      | 4,360                                  |
| Canaan Town Library | 1647 County Rt 5 | 355                                    |

## SITE EUI

The Site Energy Use divided by the property square foot. Site Energy is the annual amount of all the energy your property consumes onsite, as reported on your utility bills. Use Site Energy to understand how the energy use for an individual property has changed over time. The lower the score the more favorable.

| Property Name       | Site EUI (kBtu/ ft <sup>2</sup> ) |      |
|---------------------|-----------------------------------|------|
|                     | 2021                              | 2023 |
| Canaan Town Hall    | 22.3                              | 15.3 |
| Canaan High Garage  | 71.4                              | 62.8 |
| Canaan Town Library | 53.2                              | 32.3 |

## GREENHOUSE GAS EMISSIONS

Gases that trap heat in the atmosphere are called greenhouse gases. This number includes both direct greenhouse gases, which comes from burning fossil fuels like oil, propane and natural gas, and indirect emissions like electricity.

| Property Name       | Total GHG Emissions<br>(Metric Tons of CO <sub>2</sub> e) |      |
|---------------------|---|------|
|                     | 2021  | 2023 |
| Canaan Town Hall    | 8.5   | 5.5  |
| Canaan High Garage  | 21.7  | 18.7 |
| Canaan Town Library | 1.2   | .6   |

## ENERGY STAR SCORE

The ENERGY STAR Score is a measure of how well your property is performing relative to similar properties, when normalized for climate and operational characteristics. A 1-100 scale is used so that 1 represents the worst performing buildings and 100 represents the best performing buildings. A score may not be available for certain properties because of use type or insufficient information.

| Property Name       | ENERGY STAR Score |      |
|---------------------|-------------------|------|
|                     | 2021              | 2023 |
| Canaan Town Hall    | 99                | 100  |
| Canaan High Garage  | n/a               | n/a  |
| Canaan Town Library | n/a               | n/a  |