



City of Watervliet Annual Energy Benchmarking Report 2017 + 2018

OVERVIEW

This annual report is used to track municipal buildings' energy performance and is created in compliance with a passed Resolution on October 20, 2016. Comparisons between annual reports can provide insights into energy use, including potential cost savings. This report includes only municipal buildings larger than 1,000 sq. ft.

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 ²)
Watervliet City Hall	2 15th Street	16704
Watervliet Senior Center/Library	1501 Broadway	7336
Watervliet Firehouse	116 13th Street	10472
Watervliet DPW Garage	1200 2nd Avenue	8715
Watervliet Recreation Center (DOME)	1300 2nd Avenue	28208
Watervliet Civic Center	102 14th Street	14236
Watervliet Cultural Center/Historical Museum	1501 1st Avenue	6422
Watervliet Municipal Swimming Pool	1530 2nd Avenue	2696
Watervliet Filtration Plant	334 Watervliet Shaker Road	22597

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	
	2017	2018
Watervliet City Hall	57	53
Watervliet Senior Center/Library	Not Available	Not Available
Watervliet Firehouse	Not Available	Not Available
Watervliet DPW Garage	29	17
Watervliet Recreation Center (DOME)	Not Available	Not Available
Watervliet Civic Center	Not Available	Not Available
Watervliet Cultural Center/Historical Museum	Not Available	Not Available
Watervliet Municipal Swimming Pool	Not Available	Not Available
Watervliet Filtration Plant	Not Available	Not Available

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.

Property Name	Site EUI (kBtu/ ft ²)	
	2017	2018
Watervliet City Hall	86.9	95.5
Watervliet Senior Center/Library	109.2	126.2
Watervliet Firehouse	69	92.2
Watervliet DPW Garage	66.4	85.2
Watervliet Recreation Center (DOME)	20.3	17.9
Watervliet Civic Center	73	73.8

Watervliet Cultural Center/Historical Museum	41.7	41
Watervliet Municipal Swimming Pool	45.1	46.8
Watervliet Filtration Plant	29.5	15.9

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 (Metric Tons of CO ₂ e)	
	2017	2018
Watervliet City Hall	71.5	76.4
Watervliet Senior Center/Library	40.5	45
Watervliet Firehouse	46.7	61
Watervliet DPW Garage	29.6	37.2
Watervliet Recreation Center (DOME)	27.3	23.6
Watervliet Civic Center	54.3	54.5
Watervliet Cultural Center/Historical Museum	13.8	13.2
Watervliet Municipal Swimming Pool	4.8	4.3
Watervliet Filtration Plant	31.1	13.1