

VILLAGE OF PELHAM BUILDINGS ENERGY REPORT



Overview

- ▶ The most energy inefficient buildings typically use several times more energy than the most efficient buildings.
- ▶ As a Clean Energy Community, the Village of Pelham participates in the New York State Energy Research and Development Authority (“NYSERDA”) Clean Energy Communities Benchmarking Program.
- ▶ The Benchmarking Program tracks Village owned and occupied building energy use through the Village’s online Energy Star Portfolio.

Overview Cont.

- ▶ On an annual basis, Village staff coordinates with the Sustainability Advisory Board and they work together to gather and enter data into the Energy Star Portfolio from which reports are generated.
- ▶ Buildings are included in this portfolio if they are owned and occupied by the Village, have more than 1000 square feet in size and are enclosed from the weather.
- ▶ The following data tables reflect the Village's energy use and illustrate energy use using summary statistics for all qualifying buildings, and individual statistics for each covered municipal building.



Aggregate Data Across All Municipal Buildings by Year

Year	EUI (kBTU/SqFt)	Source EUI* (kBTU/SqFt)	Total GHG Emissions (tons)
20/21	563.2	572.8	166.4
21/22	427.1	436	147.7

* Source EUI is Weather Normalized

Building Data by Year 2020-2021

Property	Property Use	Property GFA (SqFt)	Energy Star Score	Site EUI (kbtu/SqFt)	Source EUI (kBTU/SqFt)	Total GHG Emissions (metric tons)	Source EUI vs Median
Village Hall	Office	2477	N.A.	72.3	78.4	10.8	+39.6%
Fire Depart	Public Services	13500	N.A.	96.0	103.6	94.2	+4.5%
DPW	Public Services	2000	N.A.	316.6	313.9	46.9	+257%
Police Depart	Public Services	1880	N.A.	78.3	76.9	14.5	+72.3%



Building Data by Year 2021-2022

Property	Property Use	Property GFA (SqFt)	Energy Star Score*	Site EUI (kbtu/SqFt)	Source EUI (kBTU/SqFt)	Total GHG Emissions (metric tons)	Source EUI vs Median
Village Hall	Office	2477	N.A.	68.6	73.3	10.3	+34.2%
Fire Depart	Public Services	13500	N.A.	97.9	103.1	96.2	+8.2%
DPW	Public Services	2000	N.A.	188.9	188.9	28.0	+155.5%
Police Depart	Public Services	250072	N.A.	71.7	70.7	13.3	+58.5%

Thank you.

Questions?

