

Village of Rhinebeck Benchmarking Report: 2022 & 2023

This is the second benchmarking report generated by the Village of Rhinebeck, as part of our Climate Smart Communities and Clean Energy Communities efforts. It was published in March 2024. — Trustee Vanessa Bertozzi





Rhinebeck Village Police Department

14 CENTER STREET, RHINEBECK, NY 12572

Portfolio Manager Property ID: 18212808

Year Built: 2013

Name	Property Use Type	Gross Floor Area
▶ Building Use	Police Station	5,200 ft ²

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jan 2024 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	114.9	58.8	-56.10 (-48.80%)
Site EUI (kBtu/ft ²)	44.1	23.3	-20.80 (-47.20%)
Energy Cost (\$)	9,338.61	9,019.20	-319.41 (-3.40%)
Total (Location-Based) GHG Emissions Intensity (kgCO ₂ e/ft ²)	1.5	0.8	-0.70 (-46.70%)

Village Hall & Fire Department

76 EAST MARKET STREET, RHINEBECK, NY 12572

Portfolio Manager Property ID: 18212811

Year Built: 1971

Name	Property Use Type	Gross Floor Area
▶ Building Use	Fire Station	12,000 ft ²

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jan 2024 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	53.1	55.6	2.50 (4.70%)
Site EUI (kBtu/ft ²)	38.7	38.7	0.00 (0.00%)
Energy Cost (\$)	11,102.04	17,293.61	6,191.57 (55.80%)
Total (Location-Based) GHG Emissions Intensity (kgCO ₂ e/ft ²)	2.5	2.5	0.00 (0.00%)





Village Highway Department

282 ROUTE 308, RHINEBECK, NY 12572

Portfolio Manager Property ID: 18212816

Year Built: 1950

Name	Property Use Type	Gross Floor Area
▶ Building Use	Other - Public Services	5,500 ft ²

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jan 2024 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	70.1	52.3	-17.80 (-25.40%)
Site EUI (kBtu/ft ²)	46.6	33.6	-13.00 (-27.90%)
Energy Cost (\$)	7,866.42	9,591.43	1,725.01 (21.90%)
Total (Location-Based) GHG Emissions Intensity (kgCO ₂ e/ft ²)	2.9	2.0	-0.90 (-31.00%)





Village Water Treatment Plant

76 SLATE DOCK ROAD, RHINEBECK, NY 12572

Portfolio Manager Property ID: 18212800

Year Built: 1966

Name	Property Use Type	Gross Floor Area
▶ ! Building Use	Drinking Water Treatment & Distribution	8,800 ft ²

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jan 2024 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	616.1	745.1	129.00 (20.90%)
Site EUI (kBtu/ft ²)	262.8	305.8	43.00 (16.40%)
Energy Cost (\$)	62,717.89	106,812.46	44,094.57 (70.30%)
Total (Location-Based) GHG Emissions Intensity (kgCO ₂ e/ft ²)	11.1	12.2	1.10 (9.90%)





Village Wastewater Treatment Plant

56 ASTOR DRIVE, RHINEBECK, NY 12572

Portfolio Manager Property ID: 18212768

Year Built: 1950

Name	Property Use Type	Gross Floor Area
  Building Use	Wastewater Treatment Plant	6,700 ft ²

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Sep 2023 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	707.9	667.8	-40.10 (-5.70%)
Site EUI (kBtu/ft ²)	263.6	243.6	-20.00 (-7.60%)
Energy Cost (\$)	46,850.63	80,706.40	33,855.77 (72.30%)
Total (Location-Based) GHG Emissions Intensity (kgCO ₂ e/ft ²)	8.9	7.9	-1.00 (-11.20%)