

# Village of Rhinebeck Benchmarking Report: 2020 & 2021

*This is the first benchmarking report generated by the Village of Rhinebeck, as part of our Climate Smart Communities and Clean Energy Communities efforts. It was published in August 2022—delay due to Central Hudson billing and customer service issues. — 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 <sup>2</sup>

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jun 2022 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	<a href="#">Not Available</a>	<a href="#">Not Available</a>	N/A
Source EUI (kBtu/ft <sup>2</sup> )	114.9	84.2	-30.70 (-26.70%)
Site EUI (kBtu/ft <sup>2</sup> )	44.1	37.2	-6.90 (-15.60%)
Energy Cost (\$)	9,338.61	10,949.26	1610.65 (17.20%)
Total GHG Emissions Intensity (kgCO <sub>2</sub> e/ft <sup>2</sup> )	1.5	1.5	0.00 (0.00%)

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## 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 <sup>2</sup>

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jun 2022 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	<a href="#">Not Available</a>	<a href="#">Not Available</a>	N/A
Source EUI (kBtu/ft <sup>2</sup> )	53.1	62.3	9.20 (17.30%)
Site EUI (kBtu/ft <sup>2</sup> )	38.7	45.6	6.90 (17.80%)
Energy Cost (\$)	11,102.04	18,336.02	7233.98 (65.20%)
Total GHG Emissions Intensity (kgCO <sub>2</sub> e/ft <sup>2</sup> )	2.5	3.0	0.50 (20.00%)

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## 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 <sup>2</sup>

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jun 2022 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	<a href="#">Not Available</a>	<a href="#">Not Available</a>	N/A
Source EUI (kBtu/ft <sup>2</sup> )	70.1	73.2	3.10 (4.40%)
Site EUI (kBtu/ft <sup>2</sup> )	46.6	53.4	6.80 (14.60%)
Energy Cost (\$)	7,866.42	12,033.10	4166.68 (53.00%)
Total GHG Emissions Intensity (kgCO <sub>2</sub> e/ft <sup>2</sup> )	2.9	3.5	0.60 (20.70%)

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## 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
 <b>!</b> Building Use	Drinking Water Treatment & Distribution	8,800 ft <sup>2</sup>

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jun 2022 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	<a href="#">Not Available</a>	<a href="#">Not Available</a>	N/A
Source EUI (kBtu/ft <sup>2</sup> )	616.1	628.2	12.10 (2.00%)
Site EUI (kBtu/ft <sup>2</sup> )	262.8	276.7	13.90 (5.30%)
Energy Cost (\$)	62,717.89	90,530.81	27812.92 (44.30%)
Total GHG Emissions Intensity (kgCO <sub>2</sub> e/ft <sup>2</sup> )	11.0	12.1	1.10 (10.00%)

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## 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
▶ <b>!</b> Building Use	Wastewater Treatment Plant	6,700 ft <sup>2</sup>

Metrics Summary			
Metric 	May 2020 (Energy Baseline) 	Jun 2022 (Energy Current) 	Change 
ENERGY STAR Score (1-100)	<a href="#">Not Available</a>	<a href="#">Not Available</a>	N/A
Source EUI (kBtu/ft <sup>2</sup> )	707.9	658.4	-49.50 (-7.00%)
Site EUI (kBtu/ft <sup>2</sup> )	263.6	243.3	-20.30 (-7.70%)
Energy Cost (\$)	46,850.63	65,771.35	18920.72 (40.40%)
Total GHG Emissions Intensity (kgCO <sub>2</sub> e/ft <sup>2</sup> )	8.9	8.1	-0.80 (-9.00%)