



# Annual Energy Benchmarking Report (2022/2023)

## OVERVIEW

This annual report is used to track municipal buildings' energy performance and is created in compliance with a passed Resolution on **May 10, 2017**. 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 <sup>2</sup> )
Schenectady County, NY - Airport Tower A5610	21 Airport Rd	2800
Schenectady County, NY - Library - Niskayuna Branch	2400 Nott St. E.	7000
Schenectady County, NY - Library -Glenville Branch	20 Glenridge Rd	5120
Schenectady County, NY - Rotterdam Branch	1100 N. Wescott Road	100000
Schenectady County, NY - Public Defender's Building	519 State St	4510
Schenectady County, NY - Schaffer Heights	107 Nott St	29,940
Schenectady County, NY - Conflict Defender	608 State St	5,200
Schenectady County, NY - Correctional Facility	320 Veeder Ave.	94,320
Schenectady County, NY - Main Library	511 Liberty St.	77,500
Schenectady County, NY - Community Business Center	920 Albany St.	25,200
Schenectady County, NY - Courthouse	612 State St	48,000

Schenectady County, NY - Woodlawn Branch Library	2 Sanford St	3,000
Schenectady County, NY - Glendale Nursing Home	59 Hetcheltown Road	246,964
Schenectady County, NY - Scotia Branch Library	14 Mohawk Ave	1,312
Schenectady County, NY - County Office Building	620 State St	60,000
Schenectady County, NY - Department of Social Services	797 Broadway	42,000
Highway Garages	80 Kellar Ave	40,400
Schenectady County, NY - Soil and Water Office	24 Hetcheltown Rd	3,808
Schenectady County, NY - Recreational Facility - Ice Rink	15 Airport Rd	26,400
Schenectady County, NY - Duanesburg Branch Library	0 Central Bridge Quaker St	2000
Airport Storage	21 Habel Lane	2,000
Airport T-Hangars	21 Airport Road	2,460
Highway Offices and Maintenance Facility	Moyer Ave	35,000
Maintenance Shop	333 Veeder Avenue	1,800
Board of Elections	2696 Hamburg St.	12945
Probation and Child Advocacy Center	388 Broadway	40,010
Sheriff Substation/EMO	130 Princetown Plaza	6,336
Phyllis Bornt Branch Library & Literacy Center	946-954 State Street	4,839
DMV - Current	2025 State St.	6,800
Schenectady County, NY - Mont Pleasant Branch Library	1036 Crane St.	5,000
Unified Communications Center	2694 Hamburg St.	4,320
County Storage	176 Erie Blvd	15210
Schenectady County, NY - Correctional Facility - Smith St	621 Smith St	94,320
Public Defender - 521	521 State St.	4,510
Public Defender's Office - 409 State*	409 State St.	8,714

## 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	
	2022	2023
Schenectady County, NY - Airport Tower A5610	N/A	N/A
Schenectady County, NY - Library - Niskayuna Branch	N/A	N/A
Schenectady County, NY - Library -Glenville Branch	N/A	N/A
Schenectady County, NY - Rotterdam Branch	N/A	N/A
Schenectady County, NY - Public Defender's Building	67	87
Schenectady County, NY - Schaffer Heights	N/A	N/A
Schenectady County, NY - Conflict Defender	76	74
Schenectady County, NY - Correctional Facility	N/A	N/A
Schenectady County, NY - Main Library	N/A	N/A
Schenectady County, NY - Community Business Center	48	53
Schenectady County, NY - Courthouse	52	65
Schenectady County, NY - Woodlawn Branch Library	N/A	N/A
Schenectady County, NY - Glendale Nursing Home	79	80
Schenectady County, NY - Scotia Branch Library	N/A	N/A
Schenectady County, NY - County Office Building	29	28
Schenectady County, NY - Department of Social Services	78	83
Highway Garages	N/A	N/A
Schenectady County, NY - Soil and Water Office	81	86
Schenectady County, NY - Recreational Facility - Ice Rink	N/A	N/A

Schenectady County, NY - Duanesburg Branch Library	N/A	N/A
Airport Storage	24	53
Airport T-Hangars	N/A	N/A
Highway Offices and Maintenance Facility	N/A	N/A
Maintenance Shop	N/A	N/A
Board of Elections	N/A	N/A
Probation and Child Advocacy Center	N/A	N/A
Sheriff Substation/EMO	N/A	N/A
Phyllis Bornt Branch Library & Literacy Center	N/A	N/A
DMV - Current	N/A	N/A
Schenectady County, NY - Mont Pleasant Branch Library	N/A	N/A
Unified Communications Center	N/A	N/A
County Storage	N/A	N/A
Schenectady County, NY - Correctional Facility - Smith St	N/A	N/A
Public Defender – 521	N/A	N/A
Public Defender's Office - 409 State*	N/A	N/A

## 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 <sup>2</sup> )	
	2022	2023
Schenectady County, NY - Airport Tower A5610	463	481
Schenectady County, NY - Library - Niskayuna Branch	84.4	73.1
Schenectady County, NY - Library -Glenville Branch	64.9	61.5
Schenectady County, NY - Rotterdam Branch	4.8	4.6

Schenectady County, NY - Public Defender's Building	87.9	54.8
Schenectady County, NY - Schaffer Heights	230.9	230.7
Schenectady County, NY - Conflict Defender	64.4	63.9
Schenectady County, NY - Correctional Facility	90.5	82.9
Schenectady County, NY - Main Library	71.8	60.7
Schenectady County, NY - Community Business Center	65	57.8
Schenectady County, NY - Courthouse	132.5	108.8
Schenectady County, NY - Woodlawn Branch Library	97.5	96.7
Schenectady County, NY - Glendale Nursing Home	118.4	108.6
Schenectady County, NY - Scotia Branch Library	329.8	298
Schenectady County, NY - County Office Building	79	78.1
Schenectady County, NY - Department of Social Services	45.9	41.4
Highway Garages	91.8	83
Schenectady County, NY - Soil and Water Office	25.8	22.5
Schenectady County, NY - Recreational Facility - Ice Rink	232.3	253
Schenectady County, NY - Duanesburg Branch Library	27.2	25.5
Airport Storage	60.4	44.2
Airport T-Hangars	3083	269.4
Highway Offices and Maintenance Facility	1	1.1
Maintenance Shop	171	162.8
Board of Elections	90.1	66.3
Probation and Child Advocacy Center	1181.3	128.5
Sheriff Substation/EMO	55.8	53.8
Phyllis Bornt Branch Library & Literacy Center	87.8	77.5
DMV - Current	120.2	100.3
Schenectady County, NY - Mont Pleasant Branch Library	93.2	87.3

Unified Communications Center	169	157.6
County Storage	81.8	70.8
Schenectady County, NY - Correctional Facility - Smith St	63.2	67.7
Public Defender - 521	20.1	13.7
Public Defender's Office - 409 State*	n/a	n/a

## 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 <sub>2</sub> e)	
	2022	2023
Schenectady County, NY - Airport Tower A5610	55.3	57.7
Schenectady County, NY - Library - Niskayuna Branch	26.4	23.1
Schenectady County, NY - Library -Glenville Branch	15.6	15.2
Schenectady County, NY - Rotterdam Branch	21.1	20.3
Schenectady County, NY - Public Defender's Building	18.7	11.4
Schenectady County, NY - Schaffer Heights	231.3	233.9
Schenectady County, NY - Conflict Defender	16.5	16.2
Schenectady County, NY - Correctional Facility	333.7	303
Schenectady County, NY - Main Library	252.2	210.7
Schenectady County, NY - Community Business Center	68.1	59.5
Schenectady County, NY - Courthouse	337.7	277.4
Schenectady County, NY - Woodlawn Branch Library	14.2	13.7

Schenectady County, NY - Glendale Nursing Home	1370.4	1223.5
Schenectady County, NY - Scotia Branch Library	20.5	18.4
Schenectady County, NY - County Office Building	147.4	145.7
Schenectady County, NY - Department of Social Services	76.1	70.1
Highway Garages	175.2	160.2
Schenectady County, NY - Soil and Water Office	3.1	2.7
Schenectady County, NY - Recreational Facility - Ice Rink	280.	307
Schenectady County, NY - Duanesburg Branch Library	1.7	1.6
Airport Storage	5.6	4.5
Airport T-Hangars	269.4	276.4
Highway Offices and Maintenance Facility	1.1	0.9
Maintenance Shop	15.4	14.9
Board of Elections	42.9	31
Probation and Child Advocacy Center	358.4	245.3
Sheriff Substation/EMO	15.1	14.2
Phyllis Bornt Branch Library & Literacy Center	19.2	16.5
DMV - Current	38.3	31.2
Schenectady County, NY - Mont Pleasant Branch Library	18.2	16.5
Unified Communications Center	25.3	23.6
County Storage	62.1	52.8
Schenectady County, NY - Correctional Facility - Smith St	316.5	339.3
Public Defender - 521	3.4	2.3
Public Defender's Office - 409 State*	n/a	n/a

\*Midway through 2023, Schenectady County entered into a multi-year agreement to be leasing space 409 State Street, Schenectady, NY 12305 for the Public Defender's Office. Because there is no 2022 energy data and incomplete 2023 energy data, we are unable to perform reports for this property. This property will still be included in this benchmarking report, however, as this report is to show all the properties that are over 1,000 sq ft that the County owns and leases.