



Annual Energy Benchmarking Report

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 ²)
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	29940
Schenectady County, NY - Conflict Defender	608 State St	5200
Schenectady County, NY - Correctional Facility	320 Veeder Ave.	94320
Schenectady County, NY - Main Library	511 Liberty St.	77500
Schenectady County, NY - Community Business Center	920 Albany St.	25200
Schenectady County, NY - Courthouse	612 State St	48000

Schenectady County, NY - Woodlawn Branch Library	2 Sanford St	3000
Schenectady County, NY - Glendale Nursing Home	59 Hetcheltown Road	246964
Schenectady County, NY - Scotia Branch Library	14 Mohawk Ave	1312
Schenectady County, NY - County Office Building	620 State St	60000
Schenectady County, NY - Department of Social Services	797 Broadway	42000
Highway Garages	80 Kellar Ave	40400
Schenectady County, NY - Soil and Water Office	24 Hetcheltown Rd	3808
Schenectady County, NY - Recreational Facility - Ice Rink	15 Airport Rd	26400
Schenectady County, NY - Duanesburg Branch Library	0 Central Bridge Quaker St	2000
Airport Storage	21 Habel Lane	2000
Airport T-Hangars	21 Airport Road	2460
Highway Offices and Maintenance Facility	Moyer Ave	35000
Maintenance Shop	333 Veeder Avenue	1800
Board of Elections	2696 Hamburg St.	12945
Probation and Child Advocacy Center	388 Broadway	40010
Sheriff Substation/EMO	130 Princetown Plaza	6336
Phyllis Bornt Branch Library & Literacy Center	946-954 State Street	4839
DMV - Current	2025 State St.	6800
Schenectady County, NY - Mont Pleasant Branch Library	1036 Crane St.	5000
Unified Communications Center	2694 Hamburg St.	4320
County Storage	176 Erie Blvd	15210
Schenectady County, NY - Correctional Facility - Smith St	621 Smith St	94320
Public Defender - 521	521 State St.	4510

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	
	2021	2022
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	65	67
Schenectady County, NY - Schaffer Heights	N/A	N/A
Schenectady County, NY - Conflict Defender	72	76
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	48
Schenectady County, NY - Courthouse	50	52
Schenectady County, NY - Woodlawn Branch Library	N/A	N/A
Schenectady County, NY - Glendale Nursing Home	72	80
Schenectady County, NY - Scotia Branch Library	N/A	N/A
Schenectady County, NY - County Office Building	33	29
Schenectady County, NY - Department of Social Services	73	78
Highway Garages	N/A	N/A
Schenectady County, NY - Soil and Water Office	84	81

Schenectady County, NY - Recreational Facility - Ice Rink	N/A	N/A
Schenectady County, NY - Duaneburg Branch Library	N/A	N/A
Airport Storage	28	24
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

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)	
	2021	2022
Schenectady County, NY - Airport Tower A5610	438.8	460.3
Schenectady County, NY - Library - Niskayuna Branch	92.4	81.3
Schenectady County, NY - Library -Glenville Branch	63.3	63
Schenectady County, NY - Rotterdam Branch	4.6	4.7

Schenectady County, NY - Public Defender's Building	84.7	87.9
Schenectady County, NY - Schaffer Heights	216.7	234.7
Schenectady County, NY - Conflict Defender	67.3	64.4
Schenectady County, NY - Correctional Facility	126.4	90.5
Schenectady County, NY - Main Library	66.2	70.5
Schenectady County, NY - Community Business Center	65.2	65
Schenectady County, NY - Courthouse	134.5	132.5
Schenectady County, NY - Woodlawn Branch Library	95.5	97.5
Schenectady County, NY - Glendale Nursing Home	120.1	117.9
Schenectady County, NY - Scotia Branch Library	275.3	329.8
Schenectady County, NY - County Office Building	73.3	79
Schenectady County, NY - Department of Social Services	48.1	45.9
Highway Garages	82.2	91.8
Schenectady County, NY - Soil and Water Office	23.9	25.8
Schenectady County, NY - Recreational Facility - Ice Rink	191.9	232.3
Schenectady County, NY - Duanesburg Branch Library	24.7	27.2
Airport Storage	56.9	60.4
Airport T-Hangars	3183.1	3083
Highway Offices and Maintenance Facility	0.9	1
Maintenance Shop	172.7	171
Board of Elections	95.3	90.1
Probation and Child Advocacy Center	157.1	181.2
Sheriff Substation/EMO	54.2	55.4
Phyllis Bornt Branch Library & Literacy Center	97.1	87.8
DMV - Current	120.4	120.2
Schenectady County, NY - Mont Pleasant Branch Library	91.8	93.2

Unified Communications Center	172.3	169
County Storage	96.6	104.8
Schenectady County, NY - Correctional Facility - Smith St	68.9	63.2
Public Defender - 521	13.7	20.7

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)	
	2021	2022
Schenectady County, NY - Airport Tower A5610	53.2	55
Schenectady County, NY - Library - Niskayuna Branch	28.4	25.3
Schenectady County, NY - Library -Glenville Branch	15.6	15.1
Schenectady County, NY - Rotterdam Branch	20.4	20.5
Schenectady County, NY - Public Defender's Building	17.6	18.8
Schenectady County, NY - Schaffer Heights	209.3	235.2
Schenectady County, NY - Conflict Defender	17.2	16.5
Schenectady County, NY - Correctional Facility	514.2	334.1
Schenectady County, NY - Main Library	233.5	247.1
Schenectady County, NY - Community Business Center	68.7	68.2
Schenectady County, NY - Courthouse	342.9	337.7
Schenectady County, NY - Woodlawn Branch Library	14.2	14.2

Schenectady County, NY - Glendale Nursing Home	1371.5	1365.1
Schenectady County, NY - Scotia Branch Library	17.9	20.5
Schenectady County, NY - County Office Building	137.1	147.7
Schenectady County, NY - Department of Social Services	78	76.2
Highway Garages	151.4	175.2
Schenectady County, NY - Soil and Water Office	2.8	3.1
Schenectady County, NY - Recreational Facility - Ice Rink	231.6	280.1
Schenectady County, NY - Duanesburg Branch Library	1.5	1.7
Airport Storage	5.3	5.6
Airport T-Hangars	271.9	269.8
Highway Offices and Maintenance Facility	1	1.1
Maintenance Shop	15.6	15.4
Board of Elections	45.6	42.9
Probation and Child Advocacy Center	307.3	358.4
Sheriff Substation/EMO	14.1	15.1
Phyllis Bornt Branch Library & Literacy Center	21.8	19.2
DMV - Current	38.8	38.3
Schenectady County, NY - Mont Pleasant Branch Library	18.2	18.2
Unified Communications Center	25.9	25.3
County Storage	70.7	77.7
Schenectady County, NY - Correctional Facility - Smith St	345.2	316.5
Public Defender - 521	2	3.4