



Municipal Energy Benchmarking Report

Glen Cove, NY

2021 - 2022

In 2017, the City of Glen Cove was designated a Clean Energy Community by the New York Energy Research and Development Authority (NYSERDA) – an award that recognizes leadership in reducing energy use, cutting costs, and driving clean energy locally. One of the Action Items completed by the City to achieve this award was adopting an Energy Benchmarking Policy to track energy use across municipal facilities. This policy requires annual reporting of energy consumption in government buildings and its purpose is to identify opportunities to cut energy waste, make smart investments, encourage efficiency, and drive continuous improvement.

For this report, 2021 was chosen as the "Baseline Year" - this is the first full calendar year in which energy usage is tracked and progress moving forward is measured against.

Enclosed please find the City's benchmarking report, and for more information on NYSERDA's Clean Energy Communities Program, visit: www.nyserdanyc.org/All-Programs/Clean-Energy-Communities.

Municipal Energy Benchmarking Report

City of Glen Cove, NY

2021
Baseline Year

Property Name	Address	Electricity Use (kWh)	Electricity Peak Demand (kW)	Electricity Cost	Natural Gas Use (therms)	Natural Gas Cost	GHG Emissions (MTCO ₂ e)
Animal Shelter	40 Shore Rd	48,374	22.5	\$11,463.18	4,099	\$5,749.37	48.4
City Hall	9 Glen St	238,304	78.5	\$47,580.37	12,316	\$13,119.20	196.5
City Stadium Park	Morris Avenue	105,631	N/A	\$51,095.02	N/A	N/A	58.1
Drinking Water Pump Stations	Various Locations	2,834,835	450.3	\$560,079.97	N/A	N/A	1,559.3
Fire House/EMS	10 Glen Cove Ave	161,877	N/A	\$37,667.27	11,496	\$13,869.92	150.1
Golf Course	109 Lattingtown Rd	203,936	55.0	\$48,555.60	13,739	\$17,530.22	185.1
Other	Various Locations	349,968	N/A	\$83,750.40	26,173	\$35,859.32	331.5
Parking Garage - Brewster St	Brewster St	105,426	14.5	\$17,903.38	N/A	N/A	58.0
Parking Garage - Pulaski St	Pulaski St	306,650	49.5	\$52,465.11	N/A	N/A	168.7
Police Station	1 Bridge St	175,762	N/A	\$32,285.97	5,605	\$6,585.91	126.4
Senior Center	130 Glen St	43,285	56.0	\$14,841.56	6,748	\$8,137.82	59.6
Streetlighting	Various Locations	594,648	N/A	\$104,091.22	N/A	N/A	327.1
TOTAL:		5,168,695.50		\$1,061,779.05	80,175	\$100,851.76	3,268.8

Municipal Energy Benchmarking Report
City of Glen Cove, NY

2022

Property Name	Address	Electricity Use		Electricity Peak Demand		Electricity Cost		Natural Gas Use		Natural Gas Cost		GHG Emissions	
		KWH	% Change (from baseline)*	KW	% Change (from baseline)*	Cost	% Change (from baseline)*	Therms	% Change (from baseline)*	Cost	% Change (from baseline)*	MTCO2e	% Change (from baseline)*
Animal Shelter	40 Shore Rd	46,671	▼ -5.5%	20.0	▼ -11.1%	\$12,067.78	▲ 5.3%	4,099	▲ 0.0%	\$6,617.55	▲ 15.1%	47	▼ -5.1%
City Hall	9 Glen St	250,624	▲ 5.2%	80.0	▲ 1.9%	\$55,893.29	▲ 17.5%	12,478	▲ 1.3%	\$16,426.61	▲ 25.2%	204	▲ 3.9%
City Stadium Park	Morris Avenue	65,146	▼ -43.8%	N/A	-	\$47,480.84	▼ -7.1%	N/A	-	N/A	-	36	▼ -33.4%
Drinking Water Pump Stations	Various Locations	3,005,710	▲ 6.0%	441.3	▼ -2.0%	\$670,335.29	▲ 19.7%	N/A	-	N/A	-	1,653	▲ 6.0%
Fire House/EMS	10 Glen Cove Ave	157,984	▼ -2.4%	N/A	-	\$38,189.23	▲ 1.4%	11,961	▲ 4.0%	\$17,651.75	▲ 27.3%	150	▲ 0.2%
Golf Course	109 Lantingtown Rd	224,569	▲ 10.1%	60.0	▲ 9.1%	\$58,318.18	▲ 20.1%	13,443	▼ -2.2%	\$21,427.66	▲ 22.2%	195	▲ 5.3%
Other	Various Locations	335,706	▼ -4.1%	N/A	-	\$85,636.98	▲ 2.3%	27,088	▲ 3.5%	\$43,261.34	▲ 20.6%	329	▼ -0.9%
Parking Garage - Brewster St	Brewster St	103,304	▼ -2.0%	13.0	▼ -10.3%	\$19,715.32	▲ 10.1%	N/A	-	N/A	-	57	▼ -2.1%
Parking Garage - Pulaski St	Pulaski St	298,992	▼ -2.5%	57.0	▲ 15.2%	\$57,443.93	▲ 9.5%	N/A	-	N/A	-	165	▼ -2.3%
Police Station	1 Bridge St	172,002	▼ -1.1%	N/A	-	\$35,357.81	▲ 9.5%	4,242	▼ -27.5%	\$6,356.15	▼ -3.3%	117	▼ -7.4%
Senior Center	130 Glen St	43,394	▲ 0.3%	77.5	▲ 38.4%	\$18,085.51	▲ 21.9%	7,419	▲ 10.0%	\$10,880.17	▲ 33.7%	63	▲ 6.2%
Streetlighting	Various Locations	512,910	▼ -11.7%	N/A	-	\$105,297.23	▲ 1.2%	N/A	-	N/A	-	282	▼ -13.3%
TOTAL:		5,217,011	▲ 0.9%	-	-	\$1,203,821.39	▲ 13.4%	80,731	▲ 0.7%	\$122,621.23	▲ 21.6%	3,298	▲ 0.9%

*Baseline Year = 2021

Terms:

kWh (kilowatt hour) - A measure of electric energy consumed over a given period of time (i.e. monthly). Energy (kWh) = power (kW) multiplied by the length of time (hours) is it used.

kW (kilowatt) - A measure of electric power at a given moment in time. Power (kW) multiplied by the length of time (hours) it is used = Energy (kWh)

Therm - A measure of energy used for billing natural gas use.

GHG (greenhouse gases) - Gases that trap heat in our atmosphere, such as carbon dioxide, methane, nitrous oxide, fluorinated gases, etc.

MTCO₂e (Metric Tons of Carbon Dioxide Equivalent) - Used to convert various greenhouse gases (CO₂, methane, nitrous oxide) to one universal unit

Site EUI (Energy Use Intensity) - Calculated by dividing total energy use in one year by the Gross Floor Area of the building

kBtu - A measure of energy, short for 1000 British Thermal Units