



# TOWN OF NEW CASTLE

200 S. Greeley Avenue, Chappaqua, New York 10514 • Ph. (914) 238-4723 • Fax (914) 238-5177 •

## **NEW CASTLE IS A CLEAN ENERGY COMMUNITY!**

**Buildings** are the **single largest source of energy use in New York State!** The poorest performing buildings typically use several times more energy than the best performing buildings, for the exact same building use. In order to account for and improve municipal energy use savings, the Town of New Castle participates in the New York State Energy Research and Development Authority (NYSERDA) Clean Energy Communities Benchmarking Program. The Benchmarking Program tracks Town-owned and occupied building energy use through the Town's online Energy Star Portfolio. Collecting, reporting, and sharing Building Energy Benchmarking data on an annual basis allows municipal officials and the general public access to information about the energy performance of municipal buildings. Building Energy Benchmarking promotes public health, safety, and welfare by making actionable information on municipally owned building energy use available so that opportunities to cut costs and reduce pollution can be identified throughout the Town and beyond, benefitting future generations of residents.

On an annual basis, the Development Department gathers Building Energy Benchmarking data to track the energy efficiency efforts of municipal buildings. A building will qualify for the Benchmarking Program if it is owned or occupied by the Town, greater than 1,000SF in size and is enclosed. The data tables below reflect the Towns building energy use as dictated in the following parameters: *summary statistics* for all buildings that qualify for the Benchmarking Program, *individual statistics* for each covered municipal building, the *status of compliance* with the requirements of the Town's Policy on Benchmarking, the *building address*, the *building primary use type*, *gross floor area*, an *annual summary* of statistics that include *site Energy Usage Intensity (EUI)*, *Weather Normalized Source EUI*, *annual Green House Gas (GHG) emissions*, an *Energy Performance Score* (where available), and a *comparison of annual summary statistics* across calendar years for each year since annual reporting began, in 2017. The tables below reflect all of the aforementioned datasets.

### 2021 Summary Statistics on Energy Consumption for Covered Municipal Buildings

Property Name	Compliant with Local Law	Year of Data	EUI (kBtu/ft) Average	Source EUI (kBtu/ft) Average	Total GHG Emissions (Metric Tons CO2e) Average
All Covered Municipal Buildings	Yes	2021	140.4	310.6	1751.4



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## Comparison of Summary Statistics on Energy Consumption for Covered Municipal Buildings

Property Name	Compliant with Local Law	Year of Data	EUI (kBtu/ft)	Source EUI (kBtu/ft)	Total GHG Emissions (Metric Tons CO <sub>2</sub> e)
All Covered Municipal Buildings	Yes	2016	154.6	343.9	1709.4
All Covered Municipal Buildings	Yes	2017	145.7	328	1580.7
All Covered Municipal Buildings	Yes	2018	170.1	378.2	1678.9
All Covered Municipal Buildings	Yes	2019	136.4	299	1632.8
All Covered Municipal Buildings	Yes	2020	139.6	312.8	1639.1
All Covered Municipal Buildings	Yes	2021	140.4	310.6	1751.4

## 2021 Annual Energy Usage Profile for Each Covered Municipal Building

Property Name	Compliant with Local Law	Primary Use Type	Year of Data	City, State and Postal Code	Property GFA-Calculated (Buildings) in ft <sup>2</sup>	ENERGY STAR Score	Site EUI (kBtu/ft <sup>2</sup> )	Source EUI (kBtu/ft <sup>2</sup> )	Total GHG Emissions (Metric Tons CO <sub>2</sub> e)
Amsterdam	Yes	Storage Facility	2021	Chappaqua, NY 10514	1200	*N/A	51.9	145.2	5.3
Arts Center	Yes	Education	2021	Chappaqua, NY 10514	2050	*N/A	57.2	79.4	9
Chappaqua PAC	Yes	Performing Arts	2021	Chappaqua, NY 10514	11133	*N/A	105.9	107	87.5
Community Center	Yes	Social/Meeting Hall	2021	Chappaqua, NY 10514	4000	*N/A	113.2	149	26.2
DPW	Yes	Public Services	2021	Chappaqua, NY 10514	17330	*N/A	140.3	192.1	185.5
Recycling Center	Yes	Public Services	2021	Chappaqua, NY 10514	19611	*N/A	25	29.4	36.8
Town Hall	Yes	Office	2021	Chappaqua, NY 10514	19500	24	107.7	208.1	144.8
Water Treatment Plant	Yes	Drinking Water Treatment & Distribution	2021	Millwood, NY 10546	80102	*N/A	188.7	480.2	1255.4

\*Data not available based on building type not being eligible for an Energy Star Score.