

Blue Green Group

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Village of Croton-on-Hudson EUIs/GHG

2013 Data:

Property	WNSc EUI % From Median:	Source EUI (kBTU/SF)	Site EUI (kBTU/SF)	Site Energy (kBTU)	Site EUI Change %	Total GHG Emissions (metric tons CO2e)	GHG Change %	Site/Source Efficiency %
Muni Bldg	9.8%	135.2	69.2	2,076,000	11.02%	162.0	-18.18%	51.18%
DPW Garage	135.5%	236.4	152.3	1,660,070	0.79%	100.1	-4.67%	64.42%
Grand St FH	-29.4%	109.0	63.6	909,480	1.39%	56.9	-0.18%	58.35%
Harmon FH	-10.3%	138.5	76.7	1,012,440	1.35%	64.7	-21.10%	55.38%
Washington FH	48.2%	228.7	150.2	630,840	7.10%	47.9	-0.21%	65.68%

2007 Data:

Property	SF (2013)	Site Energy (kBTU)	Site EUI (kBTU/sf)	Total GHG Emissions (metric tons CO2e)
Muni Bldg	30000	1,870,000.00	62.333	198
DPW Garage	10900	1,647,000.00	151.101	105
Grand St FH	14300	897,000.00	62.727	57
Harmon FH	13200	999,000.00	75.682	82
Washington FH	4200	589,000.00	140.238	48

Notes

2007 vs 2013:	The 2015 report used 2013 data. The 2009 report used 2007 data. This EUIs/GHG table both updates the 2009 report's GHG table as well as shows the difference in EUIs and total GHGs.
WNSc EUI % From Median:	The percentage difference of the property's Weather-Normalized Source Energy Use Index (WNSc EUI) than the national median property's WNSc EUI. Positive values are greater than the median's (less energy efficient than), and negative values are less than the median's (more energy efficient).
Source EUI:	The energy content of all fuels consumed at the source to generate the energy ultimately consumed at the site, per square foot of the site.
Site EUI:	The energy ultimately consumed at the site, per square foot of the site.
Site EUI Change %:	The difference in Site EUI in 2013 vs in 2007. Negative values mean a decrease.
Total GHG Emissions (metric tons CO₂e):	The total of all component Greenhouse Gas emissions expressed as carbon dioxide equivalent in Greenhouse Effect potency, according to EPA Portfolio Manager.
GHG Change %:	The difference in Total GHG Emissions (CO ₂ e) in 2013 vs in 2007. Negative values mean a decrease.
Site/Source Efficiency %	The fraction of source fuel's energy content per energy consumed at the site. This is the overall efficiency of the energy generation and delivery systems serving that facility.
Site EUI Change % vs GHG Change:	Site EUI Change% is positive, while GHG Change is negative, indicating improved generation/distribution systems' emissions efficiencies overcoming increased energy consumption.
SF (2013):	The facility's Square Footage as reported in 2015 to be the status in 2013. The 2009 report did not explicitly report building area, but its tool's methodology did consume those numbers to report EUIs.