



# SENECA COUNTY

## DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

### DISCLOSURE AND PUBLICATION OF BENCHMARKING INFORMATION

### SENECA COUNTY ENERGY PERFORMANCE REPORT

Pursuant to:

Seneca County Board of Supervisors Energy Benchmarking As Part Of The Clean Energy Communities Program, March 21, 2017

#### Basic Information:

Performance Highlights
Date Downloaded: 07/05/2017 10:54 AM EDT
Date Generated: 07/03/2017 02:26 PM EDT
Number of properties in report: 1
Property Name: Seneca County Office Building
Address: 1 DiPronio Dr. Waterloo, NY 13165
Primary Use: Office
Irrigated Area: None

#### Emissions and Energy Usage Information:

Year Built	Number of Buildings	Occupancy (%)	ENERGY STAR Score	Source EUI (kBtu/ft <sup>2</sup> )	Property GFA - EPA Calculated (Buildings) (ft <sup>2</sup> )
1989	One	100	89	142.9	122,640
Weather Normalized Site EUI (kBtu/ft <sup>2</sup> )	Weather Normalized Source EUI (kBtu/ft <sup>2</sup> )	Energy Cost (\$)	Total GHG Emissions (Metric Tons CO <sub>2</sub> e)	Year Ending	
67.7	146.7	57,214.55	323.8	3/31/2017	

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### **Definitions**

#### Property GFA:

The Gross Floor Area (GFA) is the total property square footage, measured between the outside surface of the exterior walls of the building(s). This includes all areas inside the building(s) including supporting areas.

#### Site EUI:

Site Energy Use Intensity (EUI) is a unit of measurement that describes a building's energy use relative to its size. "Site energy" is the total amount of all the energy your building consumes onsite, as reported on your utility bills. Use Site EUI to understand how the energy use for an individual building has changed over time. If you are trying to compare buildings that use different fuels, EPA recommends Source EUI because it also includes losses that take place during generation, transmission, and distribution of the energy used at the building. Source energy places all the different fuel types that you purchase into comparable units to ensure that you can make an equitable comparison among buildings that use different types of energy.

#### Weather Normalized Score EUI:

Weather Normalized Source EUI is a measure of what your Source EUI would be under the normal conditions in your climate. Source EUI is a measure of the total energy required to operate your building (including energy losses from generation/transmission/distribution); therefore Weather Normalized Source EUI shows the total energy you would expect to use, if the weather conditions were the average (normal) conditions for your location. For example, what would your energy use have been if you didn't have the record hot summer, or unusually mild winter. You should use Weather Normalized Source EUI to understand your energy performance over time, when the effect of weather is taken into account.



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### Total Greenhouse GHG Emissions:

Greenhouse Gas (GHG) Emissions are the carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), and nitrous oxide (N<sub>2</sub>O) gases released into the atmosphere as a result of energy consumption at the property. GHG emissions are expressed in carbon dioxide equivalent (CO<sub>2</sub>e), a universal unit of measure that combines the quantity and global warming potential of each greenhouse gas. Emissions intensity expresses total emissions on a per square foot basis.

### Energy Star Score:

The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency, as compared with similar buildings across the US, adjusting for climate and business activity. Buildings that earn a 75 or higher on the scale are performing in the top 25% nationwide, and may be eligible to earn EPA's ENERGY STAR certification.

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### Energy Usage Data 12 Months and Beyond:

My Portfolio: Seneca County					
07/06/2017 11:27 AM EDT					
Total Properties:	Seneca County Office Building				
1					
Meter Type	Start Date	End Date	Usage/Quantity	Usage Units	Cost (\$)
Natural Gas	12/16/2015	1/16/2016	6640.4	therms	1893.21
Natural Gas	1/16/2016	2/16/2016	4891.7	therms	1408.45
Natural Gas	2/16/2016	3/16/2016	6305.2	therms	1735.33
Natural Gas	3/16/2016	4/16/2016	5623.8	therms	1348.9
Natural Gas	4/16/2016	5/16/2016	908.4	therms	280.59
Natural Gas	5/16/2016	6/16/2016	503.4	therms	199.96
Natural Gas	6/16/2016	7/16/2016	128.7	therms	71.29
Natural Gas	7/16/2016	8/16/2016	103.5	therms	61.07
Natural Gas	8/16/2016	9/16/2016	106.5	therms	61.45
Natural Gas	9/16/2016	10/16/2016	249.6	therms	112.08

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Natural Gas	10/16/2016	11/16/2016	2231.2	therms	589.1
Natural Gas	11/16/2016	12/16/2016	5367.3	therms	1275.89
Natural Gas	12/16/2016	1/16/2017	6430.3	therms	1471.59
Natural Gas	1/16/2017	2/16/2017	7183.9	therms	2040.17
Natural Gas	2/16/2017	3/16/2017	5687.6	therms	1520.03
Natural Gas	3/16/2017	4/16/2017	4393.6	therms	1119.49
Natural Gas	4/16/2017	5/16/2017	2005.1	therms	548.62
Natural Gas	4/16/2017	5/16/2017	2005.1	therms	548.62
Electric - Grid	12/16/2015	1/16/2016	103980	kWh (thousand Watt-hours)	3093.72
Electric - Grid	1/16/2016	2/16/2016	98328	kWh (thousand Watt-hours)	2738.24
Electric - Grid	2/16/2016	3/16/2016	108422	kWh (thousand Watt-hours)	4065.49
Electric - Grid	3/16/2016	4/16/2016	106460	kWh (thousand Watt-hours)	5108.54
Electric - Grid	4/16/2016	5/16/2016	101380	kWh (thousand Watt-hours)	4639.09
Electric - Grid	5/16/2016	6/16/2016	124619	kWh (thousand Watt-hours)	4600.39
Electric - Grid	6/16/2016	7/16/2016	134679	kWh (thousand Watt-hours)	4987.94

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Electric - Grid	7/16/2016	8/16/2016	144292	kWh (thousand Watt-hours)	5487.84
Electric - Grid	8/16/2016	9/16/2016	133350	kWh (thousand Watt-hours)	5195.02
Electric - Grid	9/16/2016	10/16/2016	98932	kWh (thousand Watt-hours)	4194.18
Electric - Grid	10/16/2016	11/16/2016	97524	kWh (thousand Watt-hours)	3967.01
Electric - Grid	11/16/2016	12/16/2016	94077	kWh (thousand Watt-hours)	3555.88
Electric - Grid	12/16/2016	1/16/2017	102186	kWh (thousand Watt-hours)	2912.34
Electric - Grid	1/16/2017	2/16/2017	90260	kWh (thousand Watt-hours)	2612.04
Electric - Grid	2/16/2017	3/16/2017	92872	kWh (thousand Watt-hours)	2383.33
Electric - Grid	3/16/2017	4/16/2017	94242	kWh (thousand Watt-hours)	3538.93
Electric - Grid	4/16/2017	5/16/2017	92872	kWh (thousand Watt-hours)	5046.76
Electric - Grid	5/16/2017	6/16/2017	94242	kWh (thousand Watt-hours)	5244.22

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