

The Corporation of the City of Belleville

Energy Consumption and Greenhouse Gas  
Emissions Reporting for 2023

**January 1st, 2023, to December 31st, 2023**



## Energy Consumption and Greenhouse Gas Emissions

Ontario Regulation 25/23 ([O. Reg. 25/23](#)) requires public agencies including municipalities to report annually to the Ministry of Energy on their energy use and greenhouse gas emissions. Table 1 is the data reported to the Ministry of Energy for the period **January 2023 to December 2023**. The City of Belleville reports for the Municipality sector, Municipal sub-sector. A hard copy of this document is available upon request.

**Table 1: Energy Consumption and Greenhouse Gas Emissions for 2023**

Property Name	Address	Total Floor Area (sq. m)	Average Hours	Property Gross Floor Area (m <sup>2</sup> )	Natural Gas Use (therms)	Propane Use (GJ)	Electricity Use - Grid Purchase (kWh)	Total (Location-Based) GHG Emissions (Metric Tons CO <sub>2</sub> e)
Belleville Public Library	254-256 Pinnacle St.	3529.9	98	3529.9	12697.1	0	410238.8	78.8
Canteens - George St.	75 George St.	296.9	49	296.9	2944.7	0	39997.1	16.7
City Hall	169 Front ST	3291.9	60	3291.9	8445.1	0	301227.4	53.2
City Prof. Bldg. 179 - 185 Pinnacle	179 - 185 Pinnacle	965.9	40	965.9	2670.9	0	64225.2	16
Club - Lawn Bowling	69 Centre St.	564.9	20	564.9	933.3	0	9883	5.2
Club - Rowing - Indoor	35 Keegan Pkwy	1121	30	1121	0	0	1853.4	0.1
Club - Tennis - Outdoor	221 Dufferin	105	20	105	0	0	2055	0.1
Community Centre - Parkdale	599 Sidney St.	76.9	25	76.9	1042.7	0	14983.3	6
Fire Hall #4	516 Harmony Road	232	20	232	769.3	0	198.2	4.1
Community Centre - Thurlow	516 Harmony Road	259.9	25	259.9	0	0	132.1	0

Property Name	Address	Total Floor Area (sq. m)	Average Hours	Property Gross Floor Area (m <sup>2</sup> )	Natural Gas Use (therms)	Propane Use (GJ)	Electricity Use - Grid Purchase (kWh)	Total (Location-Based) GHG Emissions (Metric Tons CO <sub>2</sub> e)
EOS/TOS Operational Centre	31 Wallbridge Cres.	3716	168	3716	12105.7	0	220850.1	70.4
Fire Hall # 1	60 Bettes St.	2089.9	168	2089.9	17603.9	0	207047.8	99.2
Fire Hall #2	72 Moira St. W	465	168	465	3816.8	0	59876.1	21.9
Fire Hall #3	4867 Old Highway #2	753.6	20	753.6	0	156.5	18492.4	10.1
Fire Hall #5	26/30 Hoskins Rd.	252.7	20	252.7	0	333.3	7277.8	20.6
Glanmore National Historic Site	257 Bridge St. E	517.9	40	517.9	3948.5	0	29317.4	21.8
Kinsmen Pool	151 Dundas St. E	697	20	697	3035.9	0	66741.2	18
Meyers Pier	1 South Front St.	694.9	20	694.9	0	0	1655.3	0
Parks Bldg. 259 North Park St.	259 North Park St.	791	70	791	7353.5	0	68626	40.9
Police Services	459 Sidney St. W.	6503.1	168	6503.1	45738.1	0	1185584.5	275.8
Police Services Facility	93 Dundas St. E	3112	168	3112	6156	0	126583.7	36.2
Property Maintenance- Sidney Smith	74 South Foster	233.9	40	233.9	1596.1	0	5658.7	8.6
Public Utilities & Veridian - N. Britton	195 College St. W	2914	40	2914	0	0	5606.4	0.2
Public Works	29 Ritz Road	1858	70	1858	4450.7	0	53944.1	25.1
PW - Joe Angelo Operations Centre	75 Wallbridge Cres.	4780	70	4780	16760	0	128497.2	92.5

<b>Property Name</b>	<b>Address</b>	<b>Total Floor Area (sq. m)</b>	<b>Average Hours</b>	<b>Property Gross Floor Area (m<sup>2</sup>)</b>	<b>Natural Gas Use (therms)</b>	<b>Propane Use (GJ)</b>	<b>Electricity Use - Grid Purchase (kWh)</b>	<b>Total (Location-Based) GHG Emissions (Metric Tons CO<sub>2</sub>e)</b>
QSWC - CAA	265 Cannifton Road	12077.4	133	12077.4	0	0	4058946.1	113.7
Quinte Sports Centre, A, B, Pool, Offices	265 Cannifton Road	16165	133	16165	435988.1	0	2669383.1	2387.4
Quinte Exhibition and Raceway	158 Bridge St. E	1381.9	20	1381.9	2062.2	0	38441.2	12
Transit Garage	400 Coleman St.	779.9	50	779.9	23702.1	0	129513.6	129.4
Transit Terminal	165 Pinnacle	93	80	93	1336.4	0	48540.9	8.4
Water Pollution Control Plant	131 St Paul St.	12618	27940.7	12618	80089.5	0	3125168.8	512.3
Water Treatment Plant	2 Sidney Street	7525	21810.5	7525	36432.6	0	3456889.8	290

## Energy Intensity of Water and Sewage Works

Public agencies, including municipalities, must also report the energy intensity of their water and sewage works. The City of Belleville's data for its water and sewage works is captured in Table 2.

**Table 2: Annual Flow and Energy Intensity of Water and Sewage Works in 2023**

<b>Operation Name</b>	<b>Average Flow (m<sup>3</sup>PD)</b>	<b>Electricity (kWh)</b>
Water Pollution Control Plant	33086.4	3125168.8
Water Treatment Plant	23193.6	3456889.8