



The Corporation of the City of Belleville

Energy Consumption and Greenhouse Gas Emissions

Reporting for 2021

January 1st, 2021 to December 31st, 2021

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 2021 to December 2021**. 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 2019

| Operation Name | Operation Type | Address | Total Floor Area (sq. metres) | Avg Hrs per Wk | Electricity (kWh) | Natural Gas (therms) | GHG Emissions (Metric Tons) |
|-------------------------------------|---|---------------------|-------------------------------|----------------|-------------------|----------------------|-----------------------------|
| Arena - Memorial | Indoor ice rinks | 15 Market Square | 4,171.00 | 1 | 16802.5 | 0 | 0.5 |
| Belleville Public Library | Public Libraries | 254-256 Pinnacle St | 3,530.00 | 98 | 466745.9 | 15134.2 | 93.8 |
| Canteens - George St. | Community Centres | 75 George St. | 297.00 | 49 | 40951.7 | 3181.1 | 18.1 |
| City Hall | Administrative offices and related facilities, including municipal council chambers | 169 Front St | 3,292.00 | 60 | 324288.9 | 10080.5 | 62.9 |
| City Professional Building | Administrative offices and related facilities, including municipal council chambers | 179-185 Pinnacle St | 966.00 | 40 | 76507.6 | 7248.6 | 40.7 |
| Club - Lawn Bowling | Community centres | 69 Centre St | 565.00 | 20 | 2839 | 1214.3 | 6.5 |
| Club - Rowing - Indoor | Indoor recreational facilities | 35 Keegan Pkwy | 1,121.00 | 30 | 2810 | 0 | 0.1 |
| Club - Tennis - Outdoor | Gyms and indoor courts for playing tennis, basketball or other sports | 221 Dufferin | 105.00 | 20 | 1990.7 | 0 | 0.1 |
| Community Centre - Opportunity Shop | Community Centres | 29 Market Square | 275.00 | 10 | 248.4 | 0 | 0 |
| Community Centre - Parkdale | Community Centres | 599 Sidney St | 77.00 | 25 | 14802.5 | 1250.3 | 7.1 |
| Community Centre - Thurlow | Community Centres | 516 Harmony Rd | 260.00 | 25 | 90.6 | 0 | 0.1 |

| Operation Name | Operation Type | Address | Total Floor Area (sq. metres) | Avg Hrs per Wk | Electricity (kWh) | Natural Gas (therms) | GHG Emissions (Metric Tons) |
|--|---|--------------------|--------------------------------------|-----------------------|--------------------------|-----------------------------|------------------------------------|
| EOS/TOS Operational Centre | Storage facilities where equipment or vehicles are maintained, repaired or stored | 31 Wallbridge Cres | 3,716 | 168 | 296273 | 14042.5 | 83.1 |
| Fire Hall # 1 (NEW) | Fire stations and associated offices and facilities | 60 Bettes St. | 2,090.00 | 168 | 242184 | 14755.9 | 85.3 |
| Fire Hall #2 | Fire stations and associated offices and facilities | 72 Moira St W | 465.00 | 168 | 61818.1 | 3822.5 | 22.1 |
| Fire Hall #3 | Fire stations and associated offices and facilities | 4867 Old Highway 2 | 753.6 | 20 | 18333 | 0 | 10.1 |
| Fire Hall #4 | Fire stations and associated offices and facilities | 516 Harmony Rd | 232.00 | 20 | 163 | 860.8 | 4.6 |
| Fire Hall #5 | Fire stations and associated offices and facilities | 26/30 Hoskins Rd. | 252.7 | 20 | 7245.8 | 0 | 10.6 |
| Glanmore National Historic Site | Cultural facilities | 257 Bridge St E | 518.00 | 40 | 28593.5 | 4431.6 | 24.3 |
| Kinsmen Pool and Hall | Indoor recreational facilities | 151 Dundas St E | 697.00 | 20 | 82574 | 3063.6 | 18.6 |
| Meyers Pier | Indoor recreational facilities | 1 South Front St | 695.00 | 20 | 1659.8 | 0 | 0.1 |
| Parks Building | Storage facilities where equipment or vehicles are maintained, repaired or stored | 259 North Park St | 791.00 | 70 | 69830.3 | 7911.1 | 44 |
| Police Services Facility | Police stations and associated offices and facilities | 93 Dundas St E | 3,112.00 | 168 | 146225.7 | 9099.5 | 52.5 |
| Police Services | Police stations and associated offices and facilities | 459 Sidney St. W. | 6,503.21 | 168 | 1309395.6 | 60696.9 | 359.9 |
| Property Maintenance - Sidney Smith | Storage facilities where equipment or vehicles are maintained, repaired or stored | 74 South Foster | 234.00 | 40 | 9421.8 | 1604.7 | 8.8 |
| Public Utilities & Veridian - Neil Britton | Administrative offices and related facilities, including municipal council chambers | 195 College St W | 2,914.00 | 40 | 4622.8 | 0 | 0.1 |
| Public Works | Storage facilities where equipment or vehicles are maintained, repaired or stored | 29 Ritz Rd | 1,858.00 | 70 | 55593.2 | 4111.5 | 23.4 |

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|---|---|--------------------|--------------------------------------|-----------------------|--------------------------|-----------------------------|------------------------------------|
| PW - Joe Angelo Operations Centre | Storage facilities where equipment or vehicles are maintained, repaired or stored | 75 Wallbridge Cres | 4,780.00 | 70 | 124263.9 | 19120.4 | 105 |
| QSWC - CAA | Indoor ice rinks | 265 Cannifton Rd | 12077.4 | 133 | 3239926.6 | 0 | 94 |
| Quinte Exhibition and Raceway | Cultural facilities | 158 Bridge St E | 1,382.00 | 20 | 34819.6 | 2405.3 | 13.8 |
| Quinte Sports Centre, A, B, Pool, Offices | Indoor recreational facilities | 265 Cannifton Rd | 16,165.00 | 133 | 1943328.4 | 323940.7 | 1774.7 |
| Transit Garage | Storage facilities where equipment or vehicles are maintained, repaired or stored | 400 Coleman St | 780.00 | 50 | 136122.9 | 25110.6 | 137.1 |
| Transit Terminal | Administrative offices and related facilities, including municipal council chambers | 165 Pinnacle St | 93.00 | 80 | 54843.2 | 1819.1 | 11.2 |
| Water Pollution Control Plant | Facilities related to the treatment of sewage | 131 St Paul St | 12,618.09 | 168 | 3220035.6 | 48714.4 | 351.8 |
| Water Treatment Plant | Facilities related to the treatment of water | 2 Sidney St | 7,525.00 | 168 | 3752304.4 | 48533.8 | 366.3 |

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 2021

| Operation Name | Annual Flow (m³PD) | Electricity (kWh) |
|-------------------------------|--------------------------------------|--------------------------|
| Water Pollution Control Plant | 27940.7 | 3220035.6 |
| Water Treatment Plant | 20856.2 | 3752304.4 |