



The Corporation of the City of Belleville

Energy Consumption and Greenhouse Gas Emissions

Reporting for 2019

January 1st, 2019 to December 31st, 2019

Energy Consumption and Greenhouse Gas Emissions

Ontario Regulation 507/18 ([O. Reg. 507/18](#)) 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 2019 to December 2019**. 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 (cubic metres)	GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)
Arena - Memorial	Indoor ice rinks	15 Market Square	4,171.00	1	18,261.44032	0	556.48087	0.40675
Belleville Public Library	Public Libraries	254-256 Pinnacle St	3,530.00	60	572,660.74194	54,634.21577	120,743.61426	30.35273
Canteens - George St.	Community Centres	75 George St.	297.00	49	40,348.48268	6,924.03293	14,320.30293	35.63958
City Hall	Administrative offices and related facilities, including municipal council chambers	169 Front St	3,292.00	60	363,822.06452	32,807.77064	73,114.00675	20.10723
City Professional Building	Administrative offices and related facilities, including municipal council chambers	179-185 Pinnacle St	966.00	40	69,641.55720	28,241.09510	55,515.56408	35.56296
Club - Rowing - Indoor	Indoor recreational facilities	35 Keegan Pkwy	1,121.00	30	15,211.08419	0	463.52737	1.26062
Club - Tennis - Outdoor	Gyms and indoor courts for playing tennis, basketball or other sports	221 Dufferin	105.00	20	2,109.41935	0	64.28034	1.86639
Community Centre - Opportunity Shop	Community Centres	29 Market Square	275.00	10	14,548.21968	0	443.32790	4.91481
Community Centre - Hillcrest	Community Centres	69 Centre St	565.00	20	7,105.06323	4,298.90824	8,344.14458	8.68074
Community Centre - Parkdale	Community Centres	599 Sidney St	77.00	25	12,365.63935	3,883.34941	7,718.78338	64.71480

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Community Centre - Thurlow	Community Centres	516 Harmony Rd	260.00	25	1,489.73550	0	45.39671	0.53231
EOS/TOS Operational Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	31 Wallbridge Cres	3,716.12	168	297,248.87097	63,221.83388	128,586.97097	24.22891
Fire Hall # 1 (NEW)	Fire stations and associated offices and facilities	60 Bettes St.	2,090.00	168	277,091.51742	47,085.45948	97,464.85081	34.56104
Fire Hall #2	Fire stations and associated offices and facilities	72 Moira St W	465.00	168	59,334.44581	15,229.16469	30,600.76851	44.19118
Fire Hall #3	Fire stations and associated offices and facilities	4867 Old Highway 2	93.00	20	20,079.39774	0	611.87949	20.05845
Fire Hall #4	Fire stations and associated offices and facilities	516 Harmony Rd	232.00	20	2,234.79533	4,201.52654	8,011.62043	18.77589
Fire Hall #5	Fire stations and associated offices and facilities	26/30 Hoskins Rd.	93.00	20	5,525.68539	0	10,660.91345	53.34090
Glanmore National Historic Site	Cultural facilities	257 Bridge St E	518.00	40	26,230.30484	13,978.20618	27,226.89009	31.34805
Kinsmen Pool and Hall	Indoor recreational facilities	151 Dundas St E	697.00	20	86,817.86323	20,238.28416	40,908.64720	40.24097
Meyers Pier	Indoor recreational facilities	1 South Front St	695.00	20	1,659.84000	0	50.58030	0.22188
Parks Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	259 North Park St	791.00	70	80,593.75258	27,740.19163	54,902.28871	44.09197
Police Services Facility	Police stations and associated offices and facilities	93 Dundas St E	3,112.00	168	427,380.06452	34,562.87009	78,369.04809	23.72449
Property Maintenance - Sidney Smith	Storage facilities where equipment or vehicles are maintained, repaired or stored	74 South Foster	234.00	40	7,321.06935	6,020.15247	11,604.95775	28.30838
Public Utilities & Veridian - Neil Britton	Administrative offices and related facilities, including municipal council chambers	195 College St W	2,914.00	40	164,259.98194	0	5,005.49443	5.23687

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Public Works	Storage facilities where equipment or vehicles are maintained, repaired or stored	29 Ritz Rd	1,858.00	35	60,391.76471	9,857.43670	20,477.05422	8.25799
PW - Joe Angelo Operations Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	75 Wallbridge Cres	4,780.00	50	152,299.68677	21,061.33588	44,460.15862	7.31047
QSWC - CAA	Indoor ice rinks	265 Cannifton Rd	11,706.00	133	3,959,887.47419	0	120,669.65100	31.42708
Quinte Exhibition and Raceway	Cultural facilities	158 Bridge St E	1,382.00	20	36,905.20710	7,251.31727	14,834.14860	7.66151
Quinte Sports Centre, A, B, Pool, Offices	Indoor recreational facilities	265 Cannifton Rd	16,165.00	133	3,694,855.87097	565,933.25277	1,182,562.03084	55.80196
Transit Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	400 Coleman St	780.00	50	140,749.97226	82,961.62448	161,138.56112	121.78007
Transit Terminal	Administrative offices and related facilities, including municipal council chambers	165 Pinnacle St	93.00	80	116,303.02806	3,467.76665	10,100.35543	152.99793
Water Pollution Control Plant	Facilities related to the treatment of sewage	131 St Paul St	12,618.09	168	3,500,024.80839	122,404.52742	338,077.56045	35.34760
Water Treatment Plant	Facilities related to the treatment of water	2 Sidney St	7,525.00	168	3,683,459.09677	148,418.46366	392,850.00376	64.94960

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 2019

Operation Name	Annual Flow (mega litres)	Energy Intensity (ekWh/Mega Litre)
Water Pollution Control Plant	12074.985	397.59162
Water Treatment Plant	7687.03	684.37582