



The Corporation of the City of Belleville

Energy Consumption and Greenhouse Gas Emissions

Reporting for 2018

January 1st, 2018 to December 31st, 2018

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 2018 to December 2018**. 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 2018

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	21,832.25806		645.09956	0.48628
Belleville Public Library	Public Libraries	254-256 Pinnacle St	3,530.00	60	611,809.35484	70,984.52275	152,282.99812	35.95628
Canteens	Community Centres	516 Harmony Rd	134.00	49	86,923.84677	8,344.77125	18,345.27567	121.75161
City Hall	Administrative offices and related facilities, including municipal council chambers	169 Front St	3,292.00	60	378,154.09677	37,190.26870	81,486.62339	21.82611
City Professional Building	Administrative offices and related facilities, including municipal council chambers	179-185 Pinnacle St	966.00	40	68,279.55871	28,343.49992	55,604.51062	35.53664
Club - Rowing - Indoor	Indoor recreational facilities	35 Keegan Pkwy	1,121.00	30	18,219.06903		538.33705	1.50991
Club - Tennis - Outdoor	Gyms and indoor courts for playing tennis, basketball or other sports	221 Dufferin	105.00	20	3,126.24000		92.37414	2.76607
Community Centre - Hillcrest	Community Centres	69 Centre St	565.00	20	6,183.80355	4,457.80368	8,610.76302	8.80693
Community Centre - Opportunity Shop	Community Centres	29 Market Square	275.00	10	17,892.78774		528.69609	6.04470
Community Centre - Parkdale	Community Centres	599 Sidney St	77.00	25	11,820.88774	3,460.22529	6,891.27896	58.63192

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Community Centre - Thurlow	Community Centres	516 Harmony Rd	260.00	25	1,549.32800		45.77954	0.55360
EOS/TOS Operational Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	31 Wallbridge Cres	3,716.12	168	250,709.87645	30,319.65625	64,731.13617	14.32351
Fire Hall #1	Fire stations and associated offices and facilities	72 Moira St W	465.00	168	259,309.24548	40,197.85481	83,661.21924	30.51677
Fire Hall #2	Fire stations and associated offices and facilities	316 Dundas St E	427.00	168	58,586.01065	14,413.65539	28,981.94550	42.31005
Fire Hall #3	Fire stations and associated offices and facilities	4867 Old Highway 2	93.00	20	20,198.23756		596.81752	20.17717
Fire Hall #4	Fire stations and associated offices and facilities	516 Harmony Rd	232.00	20	2,313.30758	4,062.74632	7,749.49149	18.21670
Glanmore National Historic Site	Cultural facilities	257 Bridge St E	518.00	40	24,700.66516	13,538.61706	26,326.33021	30.23581
Kinsmen Pool and Hall	Indoor recreational facilities	151 Dundas St E	697.00	20	78,218.54613	20,053.95412	40,225.74871	38.83365
Meyers Pier	Indoor recreational facilities	1 South Front St	695.00	40	1,659.84000		49.04495	0.22188
Parks Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	259 North Park St	791.00	70	70,297.08484	29,406.79968	57,674.42772	44.96294
Police Services Facility	Police stations and associated offices and facilities	93 Dundas St E	3,112.00	168	434,715.61290	33,785.35088	76,720.47350	23.69680
Property Maintenance - Sidney Smith	Storage facilities where equipment or vehicles are maintained, repaired or stored	74 South Foster	234.00	40	7,565.62839	5,879.85794	11,340.16737	27.81351
Public Utilities & Veridian - Neil Britton	Administrative offices and related facilities, including municipal council chambers	195 College St W	2,914.00	40	166,212.39484	15,811.17441	34,804.27709	10.65643
Public Works	Storage facilities where equipment or vehicles are maintained, repaired or stored	29 Ritz Rd	1,858.00	35	58,692.96146	9,785.58842	20,235.15730	8.13486

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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	50	171,476.37097	21,120.00807	44,996.84131	7.69531
QSWC - Yardmen & Wally Dever	Indoor ice rinks	265 Cannifton Rd	11,706.00	133	4,219,970.61290		124,691.69167	33.49120
Quinte Exhibition and Raceway	Cultural facilities	158 Bridge St E	1,382.00	20	42,499.75484	5,189.59165	11,067.36486	6.56462
Quinte Sports Centre - A.B. Pool	Indoor recreational facilities	265 Cannifton Rd	16,165.00	133	3,557,831.26781	562,142.94074	1,167,929.41993	54.78295
Transit Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	400 Coleman St	780.00	50	120,503.43545	61,840.62483	120,478.19051	92.63284
Transit Terminal	Administrative offices and related facilities, including municipal council chambers	165 Pinnacle St	93.00	80	102,122.79377	2,860.97301	8,426.55713	132.39035
Water Pollution Control Plant	Facilities related to the treatment of sewage	131 St Paul St	12,618.09	168	3,310,635.58000	88,524.50000	265,189.46998	31.30211
Water Treatment Plant	Facilities related to the treatment of water	2 Sidney St	7,525.00	168	3,937,749.07581	158,904.41803	416,781.59283	69.46490

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 2018

Operation Name	Annual Flow (mega litres)	Energy Intensity (ekWh/Mega Litre)
Water Pollution Control Plant	11819.29000	359.70471
Water Treatment Plant	7687.57700	731.90159