

**Energy Consumption and GHG Emissions**  
**From: 2016-01-01 To: 2016-12-31**

Facility Name	Address	Total Area (m2)	Average Hours/Day	Fuel Types	Consumption	Cost (\$)	Energy (ekWh/yr)	GHG Emissions (kg CO2e/yr)	GHG Intensity (kg CO2e/m2)	Energy Intensity
Facility Primary Type: Office										
City Hall	66 Charlotte Street	2800	5.71	NG	20541.00 m3	1,867.80	218,305.17	38,835.37	13.87	77.97 (ekWh/m2)
				Elect.	419320.00 kWh	53,658.11	419320	17,002.59	6.07	149.76 (ekWh/m2)
Facility Type Total						55,525.91	637,625.17	55,837.96		
Facility Primary Type: Library										
Library	310 King Street	2148	7.71	NG	16217.00 m3	2,139.35	172,350.66	30,660.30	14.27	80.24 (ekWh/m2)
				Elect.	117997.00 kWh	15,162.64	117,997.00	4,784.54	2.23	54.93 (ekWh/m2)
Facility Type Total						17,301.99	290,347.66	35,444.84		
Facility Primary Type: Museum										
Marine Lighthouse Exhibit	280 King Street	255	5.72	NG	4062.00 m3	793.52	43,170.03	7,679.73	30.12	169.29 (ekWh/m2)
				Elect.	5039.00 kWh	548.63	5,039.00	204.32	0.8	19.76 (ekWh/m2)
Port Colborne Museum - Arabella's	61 Princess Street	290	2	NG	2511.00 m3	338.37	26,686.35	4,747.36	16.37	92.02 (ekWh/m2)
				Elect.	4929.00 kWh	609.64	4,929.00	199.86	0.69	17.00 (ekWh/m2)
Port Colborne Museum - Archives	286 King Street	260	5	NG	4077.00 m3	172.18	43,329.45	7,708.09	29.65	166.65 (ekWh/m2)
				Elect.	18509.00 kWh	2,140.47	18,509.00	750.50	2.89	71.19 (ekWh/m2)
Port Colborne Museum - HRC	291 Catharine Street	292	5	NG	1876.00 m3	268.48	19,937.71	3,546.82	12.15	68.28 (ekWh/m2)
				Elect.	12357.00 kWh	1,473.53	12,357.00	501.05	1.72	42.32 (ekWh/m2)
Facility Type Total						6,344.82	173,957.53	25,337.73		
Facility Primary Type: Fire										
Port Colborne Fire and Emergency Services	3 Killaly Street W.	1625	24	NG	23588.00 m3	2,086.97	250,688.00	44,596.11	27.44	154.27 (ekWh/m2)
				Elect.	163152.00 kWh	18,971.73	163152	6,615.49	4.07	100.40 (ekWh/m2)
Facility Type Total						21,058.70	413,840.00	51,211.60		
Facility Primary Type: Recreation Complex										
Vale Health and Wellness Centre	550 Elizabeth St	13471	14.28	NG	299148.00 m3	43,214.99	3,179,278.23	565,577.29	41.98	236.01 (ekWh/m2)
				Elect.	3716148.00 kWh	455,619.92	3716148	150,682.37	11.19	275.86 (ekWh/m2)
Facility Type Total						498,834.91	6,895,426.23	716,259.65		

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Facility Primary Type: Public Works Port Colborne Works Department	11 King Street	1025	8	NG Elect.	20978.00 m3 116956.00 kWh	3,064.03 13,111.03	222,949.51 116,956.00	39,661.57 4,742.33	38.69 4.63	217.51 (ekWh/m2) 114.10 (ekWh/m2)
Facility Type Total						16,175.06	339,905.51	44,403.91		
Facility Primary Type: Other Roselawn Centre	296 Fielden Avenue	675	5.71	NG Elect.	16423.00 m3 96346.00 kWh	1,555.63 11,823.77	174,539.98 96,346.00	31,049.77 3,906.64	46 5.79	258.58 (ekWh/m2) 142.73 (ekWh/m2)
First Rose Lawn	296 Fielden Avenue	900	5.71	NG Elect.	4097.00 m3 25983.00 kWh	358.49 3,063.68	43,542.00 25,983.00	7,745.90 1,053.56	8.61 1.17	48.38 (ekWh/m2) 28.87 (ekWh/m2)
Sugarloaf Marina	3 Marina Road	610	4.67	NG Elect.	5354.00 m3 75351.00 kWh	656.56 9,146.24	56,901.12 75,351.00	10,122.42 3,055.33	16.59 5.01	93.28 (ekWh/m2) 123.53 (ekWh/m2)
Tourism Information Centre	76 Main Street West	290	7.97	NG Elect.	2928.00 m3 12852.00 kWh	258.68 1,520.92	31,118.13 12,852.00	5,535.76 521.12	19.09 1.8	107.30 (ekWh/m2) 44.32 (ekWh/m2)
Lions Field Park Canteen	148 Killaly Street W.	131	3	NG Elect.	269.00 m3 7456.00 kWh	39.82 690.43	2,858.87 7,456.00	508.58 302.33	3.88 2.31	21.82 (ekWh/m2) 56.92 (ekWh/m2)
Parks Depot	52 West Side Road	900	16	NG Elect.	11272.00 m3 2160.00 kWh	1,631.94 219.65	119,796.30 2,160.00	21,311.15 87.58	23.68 0.1	133.11 (ekWh/m2) 2.40 (ekWh/m2)
Harbour Master	201 West Street	75	1.43	Elect.	6574.00 kWh	687.62	6,574.00	266.56	3.55	87.65 (ekWh/m2)
Facility Type Total						31,653.43	655,478.41	85,466.69		
<b>Grand Total</b>						<b>646,894.82</b>	<b>9,406,580.51</b>	<b>1,013,962.37</b>		