

City of Port Colborne  
Energy Consumption and GHG Emissions  
From: 2012-01-01 To: 2012-12-31

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	2,800	5.71	NG Elect.	25,357.00 m3 450,290.00 kWh	\$2,052.68 \$34,382.92	269,488.54 450,290.00	47,940.63 43,245.85	17.12 15.44	96.25 (ekWh/m2) 160.82 (ekWh/m2)
Facility Type Total						\$36,435.60	719,778.54	91,186.48		
Facility Primary Type: Library Library	310 King Street	2,148	7.71	NG Elect.	12,335.00 m3 156,903.00 kWh	\$2,423.35 \$14,345.45	131,093.63 156,903.00	23,320.88 15,068.96	10.86 7.02	61.03 (ekWh/m2) 73.05 (ekWh/m2)
Facility Type Total						\$16,768.80	287,996.63	38,389.85		
Facility Primary Type: Museum Marine Lighthouse Exhibit	280 King Street	255	5.72	NG Elect.	4,158.00 m3 19,274.00 kWh	\$816.04 \$1,684.05	44,190.30 19,274.00	7,861.23 1,851.07	30.83 7.26	173.30 (ekWh/m2) 75.58 (ekWh/m2)
Port Colborne Museum	61 Princess Street	290	2	NG Elect.	1,765.00 m3 5,248.00 kWh	\$349.99 \$452.65	18,758.03 5,248.00	3,336.96 504.02	11.51 1.74	64.68 (ekWh/m2) 18.10 (ekWh/m2)
Port Colborne Museum	286 King Street	260	5	NG Elect.	2,745.00 m3 16,572.00 kWh	\$290.32 \$1,424.46	29,173.25 16,572.00	5,189.77 1,591.57	19.96 6.12	112.20 (ekWh/m2) 63.74 (ekWh/m2)
Port Colborne Museum	291 Catharine Street	292	5	NG Elect.	1,604.00 m3 4,623.00 kWh	\$314.43 \$385.86	17,046.95 4,623.00	3,032.57 443.99	10.39 1.52	58.38 (ekWh/m2) 15.83 (ekWh/m2)
Facility Type Total						\$5,717.80	154,885.53	23,811.18		
Facility Primary Type: Fire Port Colborne Fire and Emergency Services	3 Killaly Street W.	1,625	24	NG Elect.	16,445.00 m3 166,139.00 kWh	\$1,696.95 \$14,048.28	174,773.79 166,139.00	31,091.36 15,955.99	19.13 9.82	107.55 (ekWh/m2) 102.24 (ekWh/m2)
Facility Type Total						\$15,745.23	340,912.79	47,047.35		
Facility Primary Type: Social Housing Apartment	592 Steele Street	97	24	NG	221.00 m3	\$44.28	2,348.74	417.83	4.31	24.21 (ekWh/m2)
Facility Type Total						\$44.28	2,348.74	417.83		
Facility Primary Type: Indoor Pool Centennial Swimming Pool	124 Janet Street	1,010	12.57	NG Elect.	120,652.00 m3 177,818.00 kWh	\$23,312.15 \$15,265.65	1,282,262.55 177,818.00	228,107.93 17,077.64	225.85 16.91	1269.57 (ekWh/m2) 176.06 (ekWh/m2)
Facility Type Total						\$38,577.80	1,460,080.55	245,185.57		

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Facility Primary Type: Recreation Complex West Side Arena	54 West Side Road	2,734	16	NG Elect.	57,623.00 m3 587,745.00 kWh	\$11,170.61 \$44,698.84	612,404.39 587,745.00	108,943.60 56,447.03	39.85 20.65	224.00 (ekWh/m2) 214.98 (ekWh/m2)
Teeder Kennedy Youth Arena	550 Elizabeth Street	2,420	16							
Sports Complex	550 Elizabeth St	13,471	14.28							
Facility Type Total						\$55,869.45	1,200,149.39	165,390.63		
Facility Primary Type: Public Works Port Colborne Works Department	11 King Street	1,025	8	NG Elect.	21,631.00 m3 113,304.00 kWh	\$3,842.92 \$9,635.49	229,889.44 113,304.00	40,896.15 10,881.72	39.90 10.62	224.28 (ekWh/m2) 110.54 (ekWh/m2)
Facility Type Total						\$13,478.41	343,193.44	51,777.87		
Facility Primary Type: Other Roselawn Centre	296 Fielden Avenue	675	5.71	NG Elect.	16,465.00 m3 92,012.00 kWh	\$809.64 \$7,830.52	174,986.35 92,012.00	31,129.17 8,836.83	46.12 13.09	259.24 (ekWh/m2) 136.31 (ekWh/m2)
First Rose Lawn	296 Fielden Avenue	900	5.71	NG Elect.	2,314.00 m3 26,785.00 kWh	\$250.75 \$2,443.14	24,592.68 26,785.00	4,374.91 2,572.43	4.86 2.86	27.33 (ekWh/m2) 29.76 (ekWh/m2)
Sugarloaf Marina	3 Marina Road	610	4.67	NG Elect.	14,186.00 m3 111,553.00 kWh	\$2,805.34 \$8,934.84	150,765.64 111,553.00	26,820.43 10,713.55	43.97 17.56	247.16 (ekWh/m2) 182.87 (ekWh/m2)
Tourism Information Centre	76 Main Street West	290	7.97	NG Elect.	2,663.00 m3 14,133.00 kWh	\$276.91 \$1,249.57	28,301.77 14,133.00	5,034.74 1,357.33	17.36 4.68	97.59 (ekWh/m2) 48.73 (ekWh/m2)
Lions Field Park Canteen	148 Killaly Street W.	131	3	NG Elect.	2,976.00 m3 8,533.00 kWh	\$595.71 \$672.57	31,628.26 8,533.00	5,626.51 819.51	42.95 6.26	241.44 (ekWh/m2) 65.14 (ekWh/m2)
Parks Depot	52 West Side Road	900	16	NG Elect.	11,170.00 m3 104,422.00 kWh	\$2,183.87 \$8,413.69	118,712.27 104,422.00	21,118.30 10,028.69	23.46 11.14	131.90 (ekWh/m2) 116.02 (ekWh/m2)
City Dog Pound	1080 Elm Street	160	7	NG Elect.	2,604.00 m3 19,244.00 kWh	\$499.49 \$1,617.00	27,674.73 19,244.00	4,923.19 1,848.19	30.77 11.55	172.97 (ekWh/m2) 120.28 (ekWh/m2)
Harbour Master	201 West Street	75	1.43	Elect.	8,831.00 kWh	\$678.67	8,831.00	848.13	11.31	117.75 (ekWh/m2)
Tour Booth Lighthouse	24 Main St. W	18	1.43	Elect.	141.00 kWh	\$11.23	141.00	13.54	0.75	7.83 (ekWh/m2)
Facility Type Total						\$39,272.94	942,315.70	136,065.47		
<b>Grand Total</b>						<b>\$221,910.31</b>	<b>5,451,661.32</b>	<b>799,272.23</b>		