

Energy Consumption and GHG Emissions

From: 2015-01-01 To: 2015-12-31

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	21,283.00 m3	2,330.77	226,190.98	40,238.21	14.37	80.78 (ekWh/m2)
				Elect.	418,364.00 kWh	43,737.16	418,364.00	31,800.68	11.36	149.42 (ekWh/m2)
Facility Type Total						46,067.93	644,554.98	72,038.89		
Facility Primary Type: Library										
Library	310 King Street	2148	7.71	NG	17530.00 m3	2,833.10	186,304.93	33,142.69	15.43	86.73 (ekWh/m2)
				Elect.	126624.00 kWh	13,983.40	126,624.00	9,624.94	4.48	58.95 (ekWh/m2)
Facility Type Total						16,816.50	312,928.93	42,767.63		
Facility Primary Type: Museum										
Marine Lighthouse Exhibit	280 King Street	255	5.72	NG	5,294.00 m3	895.14	56,263.45	10,008.98	39.25	220.64 (ekWh/m2)
				Elect.	17223.00 kWh	1,827.60	17,223.00	1,309.15	5.13	67.54 (ekWh/m2)
Port Colborne Museum - Arabella's	61 Princess Street	290	2	NG	3336.00 m3	518.44	35,454.26	6,307.13	21.75	122.26 (ekWh/m2)
				Elect.	6722.00 kWh	753.21	6,722.00	510.95	1.76	23.18 (ekWh/m2)
Port Colborne Museum - Archives	286 King Street	260	5	NG	4,221.00 m3	426.25	44,859.85	7,980.34	30.69	172.54 (ekWh/m2)
				Elect.	19645.00 kWh	2,118.12	19,645.00	1,493.26	5.74	75.56 (ekWh/m2)
Port Colborne Museum - HRC	291 Catharine Street	292	5	NG	1,867.00 m3	279.30	19,842.06	3,529.80	12.09	67.95 (ekWh/m2)
				Elect.	6020.00 kWh	625.86	6,020.00	457.59	1.57	20.62 (ekWh/m2)
Facility Type Total						7,443.92	206,029.62	31,597.20		
Facility Primary Type: Fire										
Port Colborne Fire and Emergency Services	3 Killaly Street W.	1625	24	NG	21662.00 m3	2,238.62	230,218.91	40,954.76	25.2	141.67 (ekWh/m2)
				Elect.	162196.00 kWh	16,300.79	162,196.00	12,328.84	7.59	99.81 (ekWh/m2)
Facility Type Total						18,539.41	392,414.91	53,283.60		
Facility Primary Type: Social Housing										
Apartment	592 Steele Street	97	24							
Facility Type Total						0.00	0.00	0.00		

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Facility Primary Type: Indoor Pool										
Centennial Swimming Pool	124 Janet Street	1010	12.57							
Facility Type Total						0.00	0.00	0.00		
Facility Primary Type: Recreation Complex										
West Side Arena	54 West Side Road	2734	16							
Teeder Kennedy Youth Arena	550 Elizabeth Street	2420	16							
Vale Health and Wellness Centre	550 Elizabeth St	13471	14.28	NG	315,887.00 m3	53,544.29	3,357,176.59	597,224.49	44.33	249.22 (ekWh/m2)
				Elect.	3,528,224.00 kWh	362,111.29	3,528,224.00	268,167.36	19.91	261.91 (ekWh/m2)
Facility Type Total						415,655.55	6,885,400.59	865,411.85		
Facility Primary Type: Public Works										
Port Colborne Works Department	11 King Street	1025	8	NG	25,770.00 m3	4,173.65	273,877.81	48,721.46	47.53	267.20 (ekWh/m2)
				Elect.	60,495.00 kWh	5,780.44	60,495.00	4,598.35	4.49	59.02 (ekWh/m2)
Facility Type Total						9,954.09	334,372.81	53,319.80		
Facility Primary Type: Other										
Roselawn Centre	296 Fielden Avenue	675	5.71	NG	13,199.00 m3	1,937.99	140,276.03	24,954.39	36.97	207.82 (ekWh/m2)
				Elect.	88,314.00 kWh	9,045.97	88,314.00	6,712.92	9.95	130.84 (ekWh/m2)
First Rose Lawn	296 Fielden Avenue	900	5.71	NG	5,776.00 m3	588.77	61,386.04	10,920.26	12.13	68.21 (ekWh/m2)
				Elect.	20,456.00 kWh	2,334.44	20,456.00	1,554.90	1.73	22.73 (ekWh/m2)
Sugarloaf Marina	3 Marina Road	610	4.67	NG	7,193.00 m3	1,395.41	76,445.60	13,599.28	22.29	125.32 (ekWh/m2)
				Elect.	59,584.00 kWh	5,965.51	59,584.00	4,529.10	7.42	97.68 (ekWh/m2)
Tourism Information Centre	76 Main Street West	290	7.97	NG	3,190.00 m3	434.99	33,902.61	6,031.10	20.8	116.91 (ekWh/m2)
				Elect.	10,548.00 kWh	1,187.52	10,548.00	801.77	2.76	36.37 (ekWh/m2)
Lions Field Park Canteen	148 Killaly Street W.	131	3	NG	126.00 m3	21.30	1,339.10	238.22	1.82	10.22 (ekWh/m2)
				Elect.	8,649.00 kWh	877.33	8,649.00	657.43	5.02	66.02 (ekWh/m2)
Parks Depot	52 West Side Road	900	16	NG	10,610.00 m3	1,826.81	112,760.71	20,059.55	22.29	125.29 (ekWh/m2)
				Elect.	2154.00 kWh	200.56	2,154.00	163.73	0.18	2.39 (ekWh/m2)

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City Dog Pound	1080 Elm Street	160	7	NG	0 m3	0.00	0.00	0.00	0	0 (ekWh/m2)
				Elect.	0 kWh	0.00	0.00	0.00	0	0 (ekWh/m2)
Harbour Master	201 West Street	75	1.43	Elect.	5,164.00 kWh	513.11	5,164.00	392.53	5.23	68.85 (ekWh/m2)
Tour Booth Lighthouse	24 Main St. W	18	1.43	Elect.	17.00 kWh	1.52	17.00	1.29	0.07	0.94 (ekWh/m2)
Facility Type Total						26,331.23	620,876.09	90,616.47		
Grand Total						540,808.63	9,396,567.93	1,209,035.44		