

Corporation of the City of Port Colborne

Energy Consumption and GHG Emmissions

From: 2011-01-01 To: 2011-12-31

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	30476.00 m3	3821.95	323892.13	57831.87	20.65	115.68 (ekWh/m2)
				Elect.	374257.00 kWh	27605.49	374257.00	29940.56	10.69	133.66 (ekWh/m2)
Facility Type Total:						31427.44	698149.13	87772.43		
Facility Primary Type: Library										
Library	310 King Street	2148	7.71	NG	16201.00 m3	3695.72	172180.62	30743.34	14.31	80.16 (ekWh/m2)
				Elect.	159906.00 kWh	12796.92	159906.00	12792.48	5.96	74.44 (ekWh/m2)
Facility Type Total:						16492.64	332086.62	43535.82		
Facility Primary Type: Museum										
Marine Lighthouse Exhibit	280 King Street	255	3.57	NG	4426.00 m3	1002.24	47038.54	8398.87	32.94	184.46 (ekWh/m2)
				Elect.	20601.00 kWh	1503.69	20601.00	1648.08	6.46	80.79 (ekWh/m2)
Port Colborne Museum	61 Princess Street	290	2.00	NG	1178.00 m3	265.06	12519.52	2235.40	7.71	43.17 (ekWh/m2)
				Elect.	5206.00 kWh	372.94	5206.00	416.48	1.44	17.95 (ekWh/m2)
Port Colborne Museum	286 King Street	260	5.00	NG	3570.00 m3	453.57	37941.16	6774.50	26.06	145.93 (ekWh/m2)
				Elect.	23430.00 kWh	1806.73	23430.00	1874.40	7.21	90.12 (ekWh/m2)
Port Colborne Museum	291 Catharine Street	292	5.00	NG	1915.00 m3	434.60	20352.19	3633.94	12.45	69.70 (ekWh/m2)
				Elect.	8048.00 kWh	592.57	8048.00	643.84	2.20	27.56 (ekWh/m2)
Facility Type Total:						6431.40	175136.42	25625.51		
Facility Primary Type: Fire										
Port Colborne Fire and Emergency Services	3 Killaly Street W.	1625	24.00	NG	17170.00 m3	2165.42	182478.93	32582.14	20.05	112.29 (ekWh/m2)
				Elect.	168720.00 kWh	13512.87	168720.00	13497.60	8.31	103.83 (ekWh/m2)
Facility Type Total:						15678.29	351198.93	46079.74		
Facility Primary Type: Social Housing										

Apartment	592 Steele Street	97	24.00	NG	1766.00 m3	403.44	18768.65	3351.20	34.55	193.49 (ekWh/m2)
				Elect.	1533.00 kWh	106.45	1533.00	122.64	1.26	15.80 (ekWh/m2)
Facility Type Total:						509.89	20301.65	3473.84		
Facility Primary Type: Indoor Pool										
Centennial Swimming Pool	124 Janet Street	1010	12.57	NG	112761.00 m3	25150.98	1198398.76	213977.53	211.86	1186.53 (ekWh/m2)
				Elect.	255900.00 kWh	20300.03	255900.00	20472.00	20.27	253.37 (ekWh/m2)
Facility Type Total:						45451.01	1454298.76	234449.53		
Facility Primary Type: Recreation Complex										
West Side Arena	54 West Side Road	2734	16.00	NG	76805.00 m3	17286.77	816266.41	145746.70	53.31	298.56 (ekWh/m2)
				Elect.	430800.00 kWh	31008.25	430800.00	34464.00	12.61	157.57 (ekWh/m2)
Teeder Kennedy Youth Arena	550 Elizabeth Street	2420	16.00	NG	31480.00 m3	7230.30	334562.42	59737.08	24.68	138.25 (ekWh/m2)
				Elect.	235784.00 kWh	16799.87	235784.00	18862.72	7.79	97.43 (ekWh/m2)
Facility Type Total:						72325.19	1817412.83	258810.50		
Facility Primary Type: Public Works										
Port Colborne Works Department	11 King Street	1025	8.00	NG	23419.00 m3	5265.21	248891.91	44440.36	43.36	242.82 (ekWh/m2)
				Elect.	124745.00 kWh	9742.85	124745.00	9979.60	9.74	121.70 (ekWh/m2)
Facility Type Total:						15008.06	373636.91	54419.96		
Facility Primary Type: Other										
Roselawn Centre	296 Fielden Avenue	675	5.71	NG	18514.00 m3	2361.32	196762.66	35132.54	52.05	291.50 (ekWh/m2)
				Elect.	109800.00 kWh	8744.41	109800.00	8784.00	13.01	162.67 (ekWh/m2)
First Rose Lawn	296 Fielden Avenue	900	5.71	NG	3670.00 m3	467.00	39003.94	6964.27	7.74	43.34 (ekWh/m2)
				Elect.	31346.00 kWh	2431.63	31346.00	2507.68	2.79	34.83 (ekWh/m2)
Sugarloaf Marina	3 Marina Road	610	4.67	NG	12717.00 m3	2844.82	135153.44	24132.03	39.56	221.56 (ekWh/m2)
				Elect.	105703.00 kWh	8442.33	105703.00	8456.24	13.86	173.28 (ekWh/m2)
Tourism Information Centre	76 Main Street West	290	7.97	NG	3495.00 m3	440.18	37144.08	6632.18	22.87	128.08 (ekWh/m2)
				Elect.	16442.00 kWh	1222.46	16442.00	1315.36	4.54	56.70 (ekWh/m2)
Lions Field Park Canteen	148 Killaly Street W.	131	3.00	NG	350.00 m3	80.13	3719.72	664.17	5.07	28.39 (ekWh/m2)
				Elect.	11890.00 kWh	1078.16	11890.00	951.20	7.26	90.76 (ekWh/m2)
Parks Depot	52 West Side Road	900	16.00	NG	14189.00 m3	3194.35	150797.53	26925.33	29.92	167.55 (ekWh/m2)
				Elect.	2330.00 kWh	156.18	2330.00	186.40	0.21	2.59 (ekWh/m2)
City Dog Pound	1080 Elm Street	160	7.00	NG	3120.00 m3	697.47	33158.66	5920.57	37.00	207.24 (ekWh/m2)
				Elect.	23144.00 kWh	1757.34	23144.00	1851.52	11.57	144.65 (ekWh/m2)
Harbour Master	201 West Street	75	1.43	Elect.	7090.00 kWh	494.52	7090.00	567.20	7.56	94.53 (ekWh/m2)

Tour Booth Lighthouse	24 Main St. W	18	1.43	Elect.	145.00 kWh	10.09	145.00	11.60	0.64	8.06 (ekWh/m2)
Facility Type Total:						34422.39	903630.04	131002.29		
Grand Total:						237746.31	6125851.30	885169.61		