

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 | | |

| 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: 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 | | |
| Grand Total | | | | | | 646,894.82 | 9,406,580.51 | 1,013,962.37 | | |