

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: Library										
Perth East Public Library	19 Mill Street E	497	5.86	Propane	10132.00 L	0.00	71233.58	15613.25	31.41	143.33 (ekWh/m2)
				Elect.	53799.00 kWh	10863.40	53799.00	5274.45	10.61	108.25 (ekWh/m2)
Facility Type Total:						10863.40	125032.58	20887.70		
Facility Primary Type: Fire										
Milverton Fire Hall	16 Mill Street W	4860	2.00	Elect.	34496.00 kWh	4981.13	34496.00	3381.99	0.70	7.10 (ekWh/m2)
				Heavy Fuel	4905.00 L	5396.53	57906.25	15426.41	3.17	11.91 (ekWh/m2)
Sebringville Fire Hall	Road 130	586	2.00	NG	8279.00 m3	2353.00	87987.37	15652.50	26.71	150.15 (ekWh/m2)
				Elect.	29736.00 kWh	4439.63	29736.00	2915.32	4.97	50.74 (ekWh/m2)
Shakespeare Fire Hall	2174 Line 34	604	2.00	NG	8280.00 m3	2353.00	87997.99	15654.39	25.92	145.69 (ekWh/m2)
				Elect.	25697.00 kWh	3781.48	25697.00	2519.33	4.17	42.54 (ekWh/m2)
Facility Type Total:						23304.77	323820.61	55549.94		
Facility Primary Type: Community Centre										
Rostock Hall	4817 Line 46	30	2.00	Elect.	31188.00 kWh	4411.19	31188.00	3057.67	101.92	1039.60 (ekWh/m2)
Facility Type Total:						4411.19	31188.00	3057.67		
Facility Primary Type: Recreation Complex										
Morningdale Park	4142 Line 73	25	2.00	Elect.	1982.00 kWh	737.13	1982.00	194.32	7.77	79.28 (ekWh/m2)
Perth East Recreational Facility	40 Temperance Street	4839	14.00	Propane	104390.00 L	80000.00	733919.64	160863.32	33.24	151.67 (ekWh/m2)
				Elect.	695168.00 kWh	101369.96	695168.00	68154.27	14.08	143.66 (ekWh/m2)
Facility Type Total:						182107.09	1431069.64	229211.91		
Facility Primary Type: Public Works										
Milverton PW Shop	18 Mill Street W	485	7.14	Propane	5273.00 L	5000.00	37072.12	8125.61	16.75	76.44 (ekWh/m2)
				Elect.	5767.00 kWh	1274.43	5767.00	565.40	1.17	11.89 (ekWh/m2)
NEH PW Shop	2198 Line 40	861	7.14	Propane	13803.00 L	5000.00	97042.75	21270.20	24.70	112.71 (ekWh/m2)
				Elect.	7992.00 kWh	1132.63	7992.00	783.54	0.91	9.28 (ekWh/m2)

Mornington PW Shop	4392 Perth Line 72	436	7.14	Propane	5000.00 L	11612.00	35152.78	7704.92	17.67	80.63 (ekWh/m2)
				Elect.	27158.00 kWh	3978.91	27158.00	2662.57	6.11	62.29 (ekWh/m2)
Rostock PW Shop	4817 Line 46	442	7.14	Elect.	31225.00 kWh	43695.00	31225.00	3061.30	6.93	70.64 (ekWh/m2)
Shakespeare WWTP	3976 Galt Street	186	24.00	Elect.	120638.00 kWh	16119.12	120638.00	11827.35	63.59	3015.95 (ekWh/ML)
South Easthope Landfill	2439 Line 29	12	24.00							
Mill St. E Pump Station	Mill Street E	6	24.00	Elect.	9960.00 kWh	1747.03	9960.00	976.48	162.75	88.14 (ekWh/ML)
Mill St. W Lift Station	39 Mill St. W	4	24.00	Elect.	129785.00 kWh	17641.68	129785.00	12724.12	3181.03	811.16 (ekWh/ML)
Milverton WWTP *energy consumption reported under Mill W lift station	4709 Line 64	27	24.00							
Gravel Pit	2539 Line 37	7	0.72	Elect.	252.00 kWh	525.28	252.00	24.71	3.53	36.00 (ekWh/m2)
Facility Type Total:						107726.08	502044.64	69726.19		
Facility Primary Type: Other										
GreenWood Cemetery	Cobalt Street	70	1.00	Elect.	1793.00 kWh	705.41	1793.00	175.79	2.51	25.61 (ekWh/m2)
Facility Type Total:						705.41	1793.00	175.79		
Facility Primary Type: Town Hall										
Perth East Administrative Building	25 Mill Street E	820	5.72	Propane	3827.00 L	5000.00	26905.93	5897.35	7.19	32.81 (ekWh/m2)
				Elect.	75022.00 kWh	10373.31	75022.00	7355.16	8.97	91.49 (ekWh/m2)
Facility Type Total:						15373.31	101927.93	13252.50		
Facility Primary Type: Water Treatment Facility										
Water Treatment	Spencer St. & Miller Ave.	49	24.00	Elect.	126821.00 kWh	23249.61	126821.00	12433.53	253.75	1005.72 (ekWh/ML)
Facility Type Total:						23249.61	126821.00	12433.53		
Facility Primary Type: Streetlights (optional)										
Street Lights	Perth East	1	12.00	Elect.	456527.00 kWh	67012.82	456527.00	44757.91	44757.91	456527.00 (ekWh/m2)
Facility Type Total:						67012.82	456527.00	44757.91		
Grand Total:						434753.68	3100224.40	449053.13		