

Township of McNab/Braeside
 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	Energy (ekWh/yr)	GHG Emissions (kg CO2e/yr)	GHG Intensity (kg CO2e/m2)	Energy Intensity
Waba Cottage Museum	24 Museum Rd.	285	2.52	Elect.	8905.00 kWh	8,905	677	2.38	31.25 (ekWh/m2)
Fire Station 1	2494 Russett Drive	297	1.43	NG Elect.	8112.00 m3 8458.00 kWh	86,213 8,458	15,337 643	51.64 2.16	290.28 (ekWh/m2) 28.48 (ekWh/m2)
Fire Station 2	142 Burnstown Road	169	1.43	oil 1&2 Propane Elect.	1928.00 L 1586.00 L 16601.00 kWh	20,780 11,150 16,601	5,273 2,444 1,262	31.20 14.46 7.47	122.96 (ekWh/m2) 65.98 (ekWh/m2) 98.23 (ekWh/m2)
Fire Station 3, Old Municipal Building	912 Centre Street	78	0.43	oil 1&2 Elect.	1755.00 L 2930.00 kWh	18,915 2,930	4,800 223	61.54 2.86	242.50 (ekWh/m2) 37.56 (ekWh/m2)
Fire Station 3, Fire Garage	912 Centre Street	250	1.00	NG oil 1&2 Elect.	3643.00 m3 6836.00 kWh	38,717 6,836	6,888 520	27.55 2.08	154.87 (ekWh/m2) 27.34 (ekWh/m2)
Braeside RA Centre	138 Sarah Street	202	2.86	oil 1&2 Elect.	5263.00 L 10353.00 kWh	56,723 10,353	14,395 787	71.26 3.90	280.81 (ekWh/m2) 51.25 (ekWh/m2)
White Lake Park Skate House	33 Diamond Lane	67	1.43	Elect.	14749.00 kWh	14,749	1,121	16.73	220.13 (ekWh/m2)
Burnstown Beach Canteen	1537 Calabogie Rd.	82	2.15	Elect.	10573.00 kWh	10,573	804	9.80	128.94 (ekWh/m2)
McNab Centre Park Building	486 Calabogie Rd.	107	0.82	Elect.	8020.00 kWh	8,020	610	5.70	74.95 (ekWh/m2)
Dochart Park Building	278 Duncan Drive	122	0.82	Elect.	14485.00 kWh	14,485	1,101	9.02	118.73 (ekWh/m2)
Roads Garage	2508 Russett Drive	473	6.43	NG Elect.	14570.00 m3 36009.00 kWh	154,847 36,009	27,546 2,737	58.24 5.79	327.37 (ekWh/m2) 76.13 (ekWh/m2)
Roads Garage, Sand/Salt Shed	2508 Russett Drive	1,170	6.43	NG	6852.00 m3	72,822	12,955	11.07	62.24 (ekWh/m2)
Braeside PW Garage	138 Sarah St.	85	2.47	Elect.	2205.00 kWh	2,205	168	1.97	25.94 (ekWh/m2)
Braeside Sand/Salt Shed	138 Sarah St.	85	6.43	Elect.	245.00 kWh	245	19	0.22	2.88 (ekWh/m2)
Landfill Site, Scale House	573 Calabogie Road	33	3.43	Elect.	5872.00 kWh	5,872	446	13.53	177.94 (ekWh/m2)
Landfill Site, Shed	573 Calabogie Road	148	0.72	oil 1&2 Elect.	3715.00 L 1468.00 kWh	40,039 1,468	10,161 112	68.66 0.75	270.54 (ekWh/m2) 9.92 (ekWh/m2)
Municipal Office	2508 Russett Drive	317	5.72	NG Elect.	4767.00 m3 51541.00 kWh	50,663 51,541	9,013 3,918	28.43 12.36	159.82 (ekWh/m2) 162.59 (ekWh/m2)
Perneel Building	2473 Russett Drive	467	0.72	Propane Elect.	5239.00 L 4143.00 kWh	36,833 4,143	8,073 315	17.29 0.67	78.87 (ekWh/m2) 8.87 (ekWh/m2)
Grand Total						791,094	132,345		

2015 Energy	2014 Energy	2013 Energy
6,082	6,568	6,203
99,604	97,765	100,528
9,992	8,727	8,481
24,218	28,604	27,473
15,936	24,099	30,894
24,670	23,528	22,536
3,587	3,042	3,656
50,195	58,304	12,520
8,371	7,099	36,882
		8,531
63,309	67,652	62,597
11,184	8,270	9,929
13,622	13,016	17,938
12,984	11,156	15,280
9,776	7,286	4,273
12,763	9,475	12,581
156,600	165,230	177,877
29,245	20,385	39,968
82,897	79,698	96,320
8,375	8,520	8,163
44,566	47,217	40,923
2,094	2,130	2,040
57,741	58,729	65,892
50,149	54,221	60,608
34,084	39,905	38,738
1,180	496	724
833,223	851,122	911,555

These figures have been generated using LAS' Energy Planning Tool

Decrease	42,129	60,028	120,461
% Decrease	5%	7%	13%