

Township of McNab/Braeside
Energy Consumption and GHG Emmissions
From: 2018-01-01 To: 2018-12-31

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.	5222.00 kWh	5,222	90	0.32	18.32 (ekWh/m2)
Fire Station 1	2494 Russett Drive	297	1.43	NG Elect.	10284.00 m3 8128.00 kWh	109,296 8,128	19,443 141	65.47 0.47	368.00 (ekWh/m2) 27.37 (ekWh/m2)
Fire Station 2	142 Burnstown Road	169	1.43	oil 1&2 Propane Elect.	6039.00 L 6626.00 kWh	42,458 6,626	9,306 115	55.07 0.68	251.23 (ekWh/m2) 39.21 (ekWh/m2)
Fire Station 3, Old Municipal Building	912 Centre Street	78	0.43	oil 1&2 Elect.	1745.00 L 2250.00 kWh	18,807 2,250	4,773 39	61.19 0.50	241.12 (ekWh/m2) 28.85 (ekWh/m2)
Fire Station 3, Fire Garage	912 Centre Street	250	1.00	NG oil 1&2 Elect.	4524.00 m3 6751.00 kWh	48,080 6,751	8,553 117	34.21 0.47	192.32 (ekWh/m2) 27.00 (ekWh/m2)
Braeside RA Centre	138 Sarah Street	202	2.86	oil 1&2 Elect.	872.00 kWh	872	15	0.07	4.32 (ekWh/m2)
White Lake Park Skate House	33 Diamond Lane	67	1.43	Elect.	14546.00 kWh	14,546	252	3.76	217.10 (ekWh/m2)
Burnstown Beach Canteen	1537 Calabogie Rd.	82	2.15	Elect.	2132.00 kWh	2,132	37	0.45	26.00 (ekWh/m2)
McNab Centre Park Building	486 Calabogie Rd.	107	0.82	Elect.	10625.00 kWh	10,625	184	1.72	99.30 (ekWh/m2)
Dochart Park Building	278 Duncan Drive	122	0.82	Elect.	13650.00 kWh	13,650	236	1.94	111.89 (ekWh/m2)
Roads Garage	2508 Russett Drive	473	6.43	NG Elect.	14391.00 m3 35721.00 kWh	152,944 35,721	27,208 618	57.52 1.31	323.35 (ekWh/m2) 75.52 (ekWh/m2)
Roads Garage, Sand/Salt Shed	2508 Russett Drive	1,170	6.43	NG	7468.00 m3	79,368	14,119	12.07	67.84 (ekWh/m2)
Braeside PW Garage	138 Sarah St.	295	6.43	Elect. NG	10571.00 kWh 8438.00 m3	10,571 89,677	183 15,953	0.62 54.08	35.83 (ekWh/m2) 303.99 (ekWh/m2)
Braeside Sand/Salt Shed	138 Sarah St.	299	6.43	Elect.	1175.00 kWh	1,175	20	0.07	3.93 (ekWh/m2)
Landfill Site, Scale House	573 Calabogie Road	33	3.43	Elect.	9594.00 kWh	9,594	166	5.03	290.73 (ekWh/m2)
Landfill Site, Shed	573 Calabogie Road	148	0.72	oil 1&2 Elect.	4418.00 L 2398.00 kWh	47,616 2,398	12,084 41	81.65 0.28	321.73 (ekWh/m2) 16.20 (ekWh/m2)
Municipal Office	2508 Russett Drive	317	5.72	NG Elect.	5188.00 m3 45891.00 kWh	55,137 45,891	9,809 794	30.94 2.50	173.93 (ekWh/m2) 144.77 (ekWh/m2)
Perneel Building	2473 Russett Drive	467	0.72	Propane Elect.	825.00 L 5943.00 kWh	5,800 5,943	1,271 103	2.72 0.22	12.42 (ekWh/m2) 12.73 (ekWh/m2)
Grand Total						831,279	125,669		

These figures have been generated using LAS' Energy Planning Tool

Decrease
% Decrease

2017 Energy	2016 Energy	2015 Energy	2014 Energy	2013 Energy
10,613	8,905	6,082	6,568	6,203
99,816 8,816	86,213 8,458	99,604 9,992	97,765 8,727	100,528 8,481
33,191 7,660	20,780 11,150 16,601	24,218 15,936	28,604 24,099	27,473 30,894
20,068 2,346	18,915 2,930	24,670 3,587	23,528 3,042	22,536 3,656
44,413 5,476	38,717 6,836	50,195 8,371	58,304 7,099	12,520 36,882 8,531
33,907 12,234	56,723 10,353	63,309 11,184	67,652 8,270	62,597 9,929
17,756	14,749	13,622	13,016	17,938
10,689	10,573	12,984	11,156	15,280
11,569	8,020	9,776	7,286	4,273
17,839	14,485	12,763	9,475	12,581
139,011 38,204	154,847 36,009	156,600 29,245	165,230 20,385	177,877 39,968
65,095	72,822	82,897	79,698	96,320
5,941 66,413	2,205			
660	245			
10,614	5,872	8,375	8,520	8,163
47,562 2,653	40,039 1,468	44,566 2,094	47,217 2,130	40,923 2,040
44,924 50,847	50,663 51,541	57,741 50,149	58,729 54,221	65,892 60,608
42,521 6,296	36,833 4,143	34,084 1,180	39,905 496	38,738 724
857,135	791,094	833,223	851,122	911,555
Decrease 25,856	(40,185)	1,944	19,843	80,276
3%	-5%	0%	2%	9%
784,781	788,889	833,223	851,122	911,555
53,750	57,859	102,192	120,091	180,524
7%	7%	12%	14%	20%

Exclude Braeside PW Garage 731,031