

Appendix B to Report CW-25-17 Energy Data for City Facilities 2015 & 2016

Facility Name	Electricity(kWh)			Natural Gas(m3)			Water(m3)			Equivalent Energy(ekWh)			Normalized(ekWh/degree days)		
	2016 Consumption	2015 Consumption		2016 Consumption	2015 Consumption		2016 Consumption	2015 Consumption		2016	2015		2016	2015	
Ella Foote Hall	39494	47773	↑	0	0	→	0	0	→	39494	47773	↑	10	12	↑
414 Locust Parking Garage Offices	315386	604254	↑	0	0	→	1857	1423	↓	315386	604254	↑	80	148	↑
Aldershot Arena	276861	264851	↓	40906	48852	↑	1689	1364	↓	702083	772668	↑	178	190	↑
Aldershot Indoor Pool	431280	405352	↓	101204	109081	↑	7166	6688	↓	1483300	1539253	↑	376	378	↑
Angela Coughlan Indoor Pool	492979	494016	↑	372818	414116	↑	975	2968	↑	4368424	4798756	↑	1106	1177	↑
Animal Shelter	71316	74871	↑	30874	31268	↑	414	626	↑	392255	399902	↑	99	98	↓
Appleby Arena	3130466	3196027	↑	426330	474247	↑	18388	19168	↑	7562167	8125825	↑	1915	1993	↑
Beachway Changerooms/Maintenance	3659	2715	↓	3214	1887	↓	0	0	→	37073	22330	↓	9	5	↓
Beachway Pavillion Snack Shack/Washrooms	34163	26963	↓	1758	1584	↓	1057	1098	↑	52437	43429	↓	13	11	↓
Brant Hills Community Centre & Library	323638	313843	→	6309	9569	↑	10158	10427	↑	389220	413313	↑	99	101	↑
Brant Street Lighting	17506	17739	↑	0	0	→	0	0	→	17506	17739	↑	4	4	↓
Brant Street Pier	52001	56451	↑	0	0	→	0	0	→	52001	56451	↑	13	14	↑
Burlington Centennial Indoor Pool	663116	610538	↓	104328	97531	↓	3954	5724	↑	1747602	1624370	↓	443	398	↓
BurlingtonTransit- Bus Terminal	21173	25032	↑	2286	2310	↑	141	159	↑	44932	49044	↑	11	12	↑
Burlinton Seniors' Centre	412249	421983	↑	46400	48933	↑	1640	1679	↑	894572	930642	↑	227	228	↑
Burlinton Transit-Operations Centre	594425	626296	↑	159494	152226	↓	11282	13135	↑	2252361	2208685	↓	570	542	↓
Central Arena	527175	537777	↑	69003	92400	↑	3954	4130	↑	1244463	1498275	↑	315	367	↑
Central Park Maintenance Buildings	36187	46536	↑	0	0	→	328	232	↓	36187	46536	↑	9	11	↑
City Hall	1330196	1327765	→	41662	89976	↑	4596	5450	↑	1763268	2263066	↑	447	555	↑
City View Park Maintenance Facility	48800	49801	↑	0	0	→	0	0	→	48800	49801	↑	12	12	↓
Drama Centre	26303	27166	↑	6614	8647	↑	26	28	↑	95055	117052	↑	24	29	↑
Elgin Park Mantenance Building	25424	20488	↓	3485	3867	↑	1090	750	↓	61651	60685	↓	16	15	↓
Fire Station 3- Waterdown Rd/EMS	67106	58495	↓	9927	12117	↑	430	481	↑	170301	184451	↑	43	45	↑
Fire Station #8	89216	100028	↑	15890	18243	↑	121	92	↓	254388	289664	↑	64	71	↑
Fire Station 1 Headquarters	420062	293968	↓	58194	46052	↓	814	1408	↑	1024991	772679	↓	260	190	↓
Fire Station 2 UpperMiddle	86546	85276	→	10181	11880	↑	340	397	↑	192382	208769	↑	49	51	↑
Fire Station 4- Appleby line	190138	241715	↑	12658	14101	↑	623	901	↑	321717	388295	↑	81	95	↑
Fire Station 5- Killbride	33317	29188	↓	12320	10811	↓	0	0	→	161384	141568	↓	41	35	↓
Fire Station 6- Cumberland	108506	105886	→	12301	14865	↑	1175	874	↓	236375	260408	↑	60	64	↑
Fire Station 7- Dundas & Berwick	110348	116581	↑	14386	14342	↓	940	601	↓	259891	265666	↑	66	65	↓

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	2016 Consumption	2015 Consumption		2016 Consumption	2015 Consumption		2016 Consumption	2015 Consumption		2016	2015		2016	2015	
Greenwood Cemetery Office/Mtcs Bldg	10595	9630	↓	2608	6170	↑	43	175	↑	37704	73767	↑	10	18	↑
Haber Recreation Centre	856670	815794	↓	75193	90608	↑	0	0	→	1638300	1757664	↑	415	431	↑
Hidden Valley-Maintenance/Washrooms	51478	40569	↓	0	0	→	435	1768	↑	51478	40569	↓	13	10	↓
Ireland Park Concession/Washroom Building	108455	109750	↑	0	0	→	7199	1815	↓	108455	109750	↑	27	27	↓
Lowville Park Pavillion/ Washroom Building /North	24804	46591	↑	0	0	→	0	0	→	24804	46591	↑	6	11	↑
Mainway Recreation Centre- Arena	1651324	1366080	↓	134785	91983	↓	9124	7809	↓	3052416	2322243	↓	773	570	↓
Maria Street and Brant Street Lighting	19192	20592	↑	0	0	→	0	0	→	19192	20592	↑	5	5	↑
Milcroft Park Washroom/Mtce/Storage Building	49558	51782	↑	4354	5124	↑	13427	12850	↓	94816	105046	↑	24	26	↑
Mountainside Arena	582450	500556	↓	56603	55557	↓	2561	2089	↓	1170841	1078071	↓	297	264	↓
Mountainside Outdoor Pool	93736	93845	↑	29312	31241	↑	20027	4982	↓	398436	418594	↑	101	103	↑
Music Centre	112030	120721	↑	14050	11632	↓	182	149	↓	258076	241636	↓	65	59	↓
Nelson Arena	347431	385968	↑	42206	48377	↑	6920	3885	↓	786166	888847	↑	199	218	↑
Operations Centre- Main Building/ misc bldgs	591180	655170	↑	56888	65521	↑	3770	4150	↑	1182536	1336261	↑	299	328	↑
Orchard Park Washroom Building	34881	31756	↓	2262	0	→	15643	9822	↓	58393	31756	↓	15	8	↓
Pumphouse 1- Walkers	35696	36120	↑	0	0	→	21	7	↓	35696	36120	↑	9	9	↓
Rotary Youth Centre	48760	58227	↑	4748	5125	↑	350	177	↓	98116	111501	↑	25	27	↑
Sherwood Forest Community Centre	116826	116660	→	16776	21043	↑	4619	2782	↓	291207	335402	↑	74	82	↑
Sherwood Forest Maintenance/Washrooms	18090	265645	↑	0	0	→	0	0	→	18090	265645	↑	5	65	↑
Skyway Arena	339297	303224	↓	19216	21114	↑	9249	6814	↓	539048	522704	↓	137	128	↓
Street Lights	9315347	9639306	↑	0	0	→	0	0	→	9315347	9639306	↑			
Student Theatre Centre	43344	44830	↑	7070	5662	↓	206	74	↓	116833	103686	↓	30	25	↓
Student Theatre-Storage Building	5336	4184	↓	7464	7972	↑	0	0	→	82926	87053	↑	21	21	↑
Tansley Woods Community Centre	1736272	1794007	↑	154613	177391	↑	15673	15377	↓	3343472	3637986	↑	847	892	↑
Tansley Woods Park Washroom Building	10034	11699	↑	1259	396	↓	4306	1969	↓	23119	15815	↓	6	4	↓
Traffic Lights	489753	463579	↓	0	0	→	0	0	→	489753	463579	↓			
Traffic Supervisors Office	5782	5936	↑	2646	2722	↑	44	47	↑	33287	34231	↑	8	8	↓
Roads & Parks Maintenance Headquarters	500590	548403	↑	56888	65521	↑	3799	4150	↑	1091945	1229493	↑	277	302	↑
Tyandaga Golf Course - Pro shop/Restaurant	143339	151055	↑	14015	15264	↑	1499	1461	↓	289022	309719	↑	73	76	↑
Tyandaga Golf Course-Maintenance Bldg	67461	65718	→	0	0		246	202	↓	67461	65718	↓	17	16	↓
TOTAL	27,388,750.20	27,986,769.88		2,265,498.13	2,457,327.93		192,505.35	162,356.35		50,938,603.26	53,530,693.71		12,633	13,130	
DIFFERENCE	-598020			-191830			30149			-2592090			-497		
%DIFFERENCE	-2.1%			-7.8%			18.6%			-4.8%			-3.8%		

0% to 4% increase in consumption

Improvement- reduction in consumption

Increase in consumption

2015 Heating and Cooling Degree Days(from NASA/NOAA)
2016 Heating and Cooling Degree Days(from NASA/NOAA)

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4077

3949