

ARROW in column A to read through the document.		Energy Consumption and Greenhouse Gas Emissions Reporting - for 2012					
Confirm consecutive 12-mth period (mth-yr to mth-yr)	Jan-12 to Dec-12						
Sector							
Agency Sub-sector	CityMunicipality						
Organization Name	City of St. Catharines						
		Please fill in the mandatory fields indicated in red, in addition to submitting data c					
Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/w k
City Hall	Administrative offices and related facilities, including municipal council chambers	50 Church Street	St. Catharines	L2R 7C2	70084 Square feet		70
Lake Street Service Centre Administrative Building	Administrative offices and related facilities, including municipal council chambers	383 Lake Street	St. Catharines	L2N 4H5	77318 Square feet		50
Parks and Recreation Main Office & Repair Garage - Struc	Administrative offices and related facilities, including municipal council chambers	320 Geneva Street	St. Catharines	L2N 2G6	10888 Square feet		50
Old Court House	Administrative offices and related facilities, including municipal council chambers	101 King Street	St. Catharines	L2R 3H6	24150 Square feet		40
Lakeside Park Carousel Building	Cultural facilities	2 Main Street	St. Catharines	L2N 4T4	4539 Square feet		16.3
Port Weller Community Centre	Community centres	1 Bogart Street	St. Catharines	L2R 7C2	3122 Square feet		98
Russell Ave Community Centre	Community centres	108 Russell Avenue	St. Catharines	L2R 1V8	16485 Square feet		104
Chetwood Street Senior Centre	Community centres	117 Chetwood Street	St. Catharines	L2S 2B1	3122 Square feet		40
Dunlop Drive Senior Centre	Community centres	80 Dunlop Drive	St. Catharines	L2R 4M1	10627 Square feet		57
Merrittton Senior Centre	Community centres	343 Merritt Street	ST. Catharines	L2P 1P7	24298 Square feet		57
Dalhousie Senior Centre	Community centres	19 Brock Street	St. Catharines	L2N 4T9	3744 Square feet		15
Rex Stimers/Jack Gatecliff Arena (Garden City)	Indoor sports arenas	8 Gale Crescent	St. Catharines	L2R 4C3	83848 Square feet		126
Bill Burgoyne Arena	Indoor sports arenas	129 Linwell Road	St. Catharines	L2N 6B4	39638 Square feet		126
6-8 Academy Street	Fire stations and associated offices and facilities	6-8 Academy Street	St. Catharines	L2R 3N1	8180 Square feet		50
Fire Hall #1	Fire stations and associated offices and facilities	64 Geneva Street	St. Catharines	L2R 3A8	13520 Square feet		168
Fire Hall #2	Fire stations and associated offices and facilities	190 Linwell Road	St. Catharines	L2N 1R8	3050 Square feet		168
Fire Hall #3	Fire stations and associated offices and facilities	285 Pelham Road	St. Catharines	L2S 1X7	3940 Square feet		168
Fire Hall #4	Fire stations and associated offices and facilities	14 Walnut Steet	St. Catharines	L2T 1K9	4510 Square feet		168
Fire Hall #6	Fire stations and associated offices and facilities	465 Scott Street	St. Catharines	L2M 5B4	4310 Square feet		168
Fire Hall #5	Fire stations and associated offices and facilities	149 Martindale Road	St. Catharines	L2S 2X5	4000 Square feet		168
Ontario Street Parking Garage	Parking garages	8 Ontario Street	St. Catharines	L2R 7L2	145000 Square feet		168
St. Catharines Public Library: Centennial Branch	Public libraries	54 Church Street	St. Catharines	L2R 5M7	73382 Square feet		49
St. Catharines Public Library: Port Dalhousie Branch	Public libraries	23 Brock Street	St. Catharines	L2N 5E4	1205 Square feet		25
Fairview Golf Course Clubhouse	Administrative offices and related facilities, including municipal council chambers	285 Geneva Street	St. Catharines	L2N 2G1	2325 Square feet		91
Malcolmson Park Storage Greenhouse	Storage facilities where equipment or vehicles are maintained, repaired or stored	325 Lakeshore Road	St. Catharines	L2M 1R7	600 Square feet		40
Market Square Building	Cultural facilities	91 King Street	St. Catharines	L2R 3H6	7449 Square feet		33.56
Morningstar Mills - Gris Mill & Turbine	Cultural facilities	2716 DeCew Road	St. Catharines	L0S 1E6	1418 Square feet		40
Morningstar Mills - House	Cultural facilities	2710 DeCew Road	St. Catharines	L0S 1E6	1561 Square feet		40
Seymour Hannah Four Pad Arena	Indoor sports arenas	240 St Paul Street West	St. Catharines	L2S 2E7	133870 Square feet		126
St. Catharines Municipal Golf Course	Administrative offices and related facilities, including municipal council chambers	37 Lincoln Avenue	St. Catharines	L2P 2C7	2108 Square feet		49
Victoria Lawn Cemetry Office	Administrative offices and related facilities, including municipal council chambers	432 Queenston Street	St. Catharines	L2P 2Y2	1892 Square feet		66
Victoria Lawn Cemetry Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	439 Queenston Street	St. Catharines	L2P 2Y2	1588 Square feet		40
Victoria Lawn Cemetry Storage Building #1	Storage facilities where equipment or vehicles are maintained, repaired or stored	434 Queenston Street	St. Catharines	L2P 2Y2	1840 Square feet		40

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/wk
Happy Rolph's House	Cultural facilities	2 Northrup Crescent	St. Catharines	L2M 7M3	2700 Square feet		32.6
16 Ontario	Administrative offices and related facilities, including municipal council chambers	16 Ontario	St. Catharines	L2R 7L2	990 Square feet		40
18-24 Ontario Street	Administrative offices and related facilities, including municipal council chambers	22 Ontario Street	St. Catharines	L2R 3R6	3960 Square feet		40
Haig Compressor Room	Indoor sports arenas	17 Beech Street	St. Catharines	L2R 6H1	32291 Square feet		126
Renown Road Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	45 Renown Road	St. Catharines	L2N 7P8	41100 Square feet		168
RCS Storage/Workshop & Equipment Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	320 Geneva Street	St. Catharines	L2N 2G6	2800 Square feet		40
Transit Commission Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	2012 First St South	St. Catharines	L2S 3V9	69426 Square feet		120
Kiwanis Aquatic Centre	Indoor swimming pools	425 Carlton Street	St. Catharines	L2M 4W9	10000 Square feet		120
12 Ontario Street	Other	12 Ontario Street	St. Catharines	L2R 7M3	200 Square feet		40
Carlisle Parking Garage	Parking garages	71 Carlisle Street	St. Catharines	L2R 3J3	144500 Square feet		168

ARROW in column A to read through the document.

Confirm consecutive 12-mth period (mth-yr to mth-yr)

Sector

Agency Sub-sector

Organization Name

in your energy usage.

Operation Name	Annual Flow (Mega Litres)	Energy Type and Amount Purchased and Consumed in Natural Units															
		Electricity		Natural Gas		Fuel Oil 1 & 2		Fuel Oil 4 & 6		Propane		Coal		Wood		Distr	
		Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit
City Hall	0	1176251	kWh	48397	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Lake Street Service Centre Administrative Building	0	859220	kWh	205482	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Parks and Recreation Main Office & Repair Garage - Struc	0	99638	kWh	18969	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Old Court House	0	220632	kWh	13897	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Lakeside Park Carousel Building	0	18362	kWh	19827	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Port Weller Community Centre	0	26585	kWh	15323	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Russell Ave Community Centre	0	74297	kWh	6043	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Chetwood Street Senior Centre	0	25452	kWh	4303	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Dunlop Drive Senior Centre	0	101302	kWh	24925	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Merritton Senior Centre	0	55676	kWh	6976	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Dalhousie Senior Centre	0	15311	kWh	8597	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Rex Stimers/Jack Gatecliff Arena (Garden City)	0	2683505	kWh	109920	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Bill Burgoyne Arena	0	592609	kWh	55073	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
6-8 Academy Street	0	42920	kWh	12546	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #1	0	215956	kWh	27538	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #2	0	32324	kWh	10738	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #3	0	34703	kWh	9612	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #4	0	43860	kWh	13319	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #6	0	37049	kWh	16199	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fire Hall #5	0	91985	kWh	10151	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Ontario Street Parking Garage	0	463559	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
St. Catharines Public Library: Centennial Branch	0	28456	kWh	103688	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
St. Catharines Public Library: Port Dalhousie Branch	0	537	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Fairview Golf Course Clubhouse	0	4729	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Malcolmson Park Storage Greenhouse	0	6242	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Market Square Building	0	58633	kWh	18089	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Morningstar Mills - Gris Mill & Turbine	0	17068	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Morningstar Mills - House	0	4840	kWh	1857	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Seymour Hannah Four Pad Arena	0	4661253	kWh	496811	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
St. Catharines Municipal Golf Course	0	40669	kWh	6974	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Victoria Lawn Cemetery Office	0	49674	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Victoria Lawn Cemetery Storage Building	0	14598	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Victoria Lawn Cemetery Storage Building #1	0	13636	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule

Operation Name	Annual Flow (Mega Litres)	Energy Type and Amount Purchased and Consumed in Natural Units															
		Electricity		Natural Gas		Fuel Oil 1 & 2		Fuel Oil 4 & 6		Propane		Coal		Wood		Distr	
		Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit
Happy Rolph's House	0	15035	kWh	3967	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
16 Ontario	0	32332	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
18-24 Ontario Street	0	106191	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Haig Compressor Room	0	491707	kWh	42184	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Renown Road Storage Building	0	7649	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
RCS Storage/Workshop & Equipment Garage	0	24711	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Transit Commission Building	0	818239	kWh	287006	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Kiwanis Aquatic Centre	0	1497187	kWh	187385	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
12 Ontario Street	0	10900	kWh	0	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule
Carlisle Parking Garage	0	422814	kWh	16834	Cubic Meter	0	Litre	0	Litre	0	Litre	0	Metric Tonne	0	Metric Tonne	0	Giga Joule

ARROW in column A to read through the document.													
Confirm consecutive 12-mth period (mth-yr to mth-yr)													
Sector													
Agency Sub-sector													
Organization Name													
Operation Name	District Heating					District Cooling					Total (calculated in webform)		
	Renewable?	If Yes, enter		Quantity	Unit	Renewable?	If Yes, enter		GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	Building / Operation Identifier	Comments
		Emission Factor	Emission Factor				Emission Factor	Emission Factor					
City Hall				0	Giga Joule				204467.821	24.12253187		0	
Lake Street Service Centre Administrative Building				0	Giga Joule				471009.306	39.35741837		0	
Parks and Recreation Main Office & Repair Garage - Struc				0	Giga Joule				45432.53708	27.66681685		0	
Old Court House				0	Giga Joule				47463.5407	15.25160319		0	
Lakeside Park Carousel Building				0	Giga Joule				39248.94801	50.46903163		0	
Port Weller Community Centre				0	Giga Joule				31523.30092	60.67726681		0	
Russell Ave Community Centre				0	Giga Joule				18560.54284	8.402830234		0	
Chetwood Street Senior Centre				0	Giga Joule				10579.77806	22.80055235		0	
Dunlop Drive Senior Centre				0	Giga Joule				56852.92206	34.45933393		0	
Merritton Senior Centre				0	Giga Joule				18536.13699	5.342636116		0	
Dalhousie Senior Centre				0	Giga Joule				17724.18876	28.49305525		0	
Rex Stimers/Jack Gatecliff Arena (Garden City)				0	Giga Joule				465541.54	45.93681719		0	
Bill Burgoyne Arena				0	Giga Joule				161036.6691	29.71675066		0	
6-8 Academy Street				0	Giga Joule				27841.84314	21.5471993		0	
Fire Hall #1				0	Giga Joule				72804.50057	37.62009786		0	
Fire Hall #2				0	Giga Joule				23405.94969	48.01477686		0	
Fire Hall #3				0	Giga Joule				21505.58284	34.73532805		0	
Fire Hall #4				0	Giga Joule				29393.57541	41.11116671		0	
Fire Hall #6				0	Giga Joule				34184.45273	48.54022265		0	
Fire Hall #5				0	Giga Joule				28025.99408	49.96689108		0	
Ontario Street Parking Garage				0	Giga Joule				44520.20636	3.196958621		0	
St. Catharines Public Library: Centennial Branch				0	Giga Joule				198768.2466	15.40471698		0	
St. Catharines Public Library: Port Dalhousie Branch				0	Giga Joule				51.57348	0.445643154		0	
Fairview Golf Course Clubhouse				0	Giga Joule				454.17316	2.033978495		0	
Malcolmson Park Storage Greenhouse				0	Giga Joule				599.48168	10.40333333		0	
Market Square Building				0	Giga Joule				39830.66512	33.67953526		0	
Morningstar Mills - Gris Mill & Turbine				0	Giga Joule				1639.21072	12.03667137		0	
Morningstar Mills - House				0	Giga Joule				3975.727939	15.74361428		0	
Seymour Hannah Four Pad Arena				0	Giga Joule				1386951.029	74.26047299		0	
St. Catharines Municipal Golf Course				0	Giga Joule				17091.08346	54.45309146		0	
Victoria Lawn Cemetery Office				0	Giga Joule				4770.69096	26.25475687		0	
Victoria Lawn Cemetery Storage Building				0	Giga Joule				1401.99192	9.192695214		0	
Victoria Lawn Cemetery Storage Building #1				0	Giga Joule				1309.60144	7.410869565		0	

Operation Name							Total (calculated in webform)			Building / Operation Identifier	Comments
	District Heating		District Cooling				GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)		
	Renewable?	If Yes, enter Emission Factor	Quantity	Unit	Renewable?	If Yes, enter Emission Factor					
Happy Rolph's House			0	Giga Joule			8944.078709	21.18347828	0		
16 Ontario			0	Giga Joule			3105.16528	32.65858586	0		
18-24 Ontario Street			0	Giga Joule			10198.58364	26.81590909	0		
Haig Compressor Room			0	Giga Joule			126977.7496	29.11118098	0		
Renown Road Storage Building			0	Giga Joule			734.60996	0.186107056	0		
RCS Storage/Workshop & Equipment Garage			0	Giga Joule			2373.24444	8.825357143	0		
Transit Commission Building			0	Giga Joule			621204.9663	55.72083608	0		
Kiwanis Aquatic Centre			0	Giga Joule			498064.9799	348.8672993	0		
12 Ontario Street			0	Giga Joule			1046.836	54.5	0		
Carlisle Parking Garage			0	Giga Joule			72433.87148	4.164166076	0		