Energy Consumption and Greenhouse Gas Emissions Reporting - for 2014
Town of Whitchurch - Stouffville

As required by Ontario Regulatsion 397/11 - Energy Conservation and Demand Management Plans, this Energy Consumption and Greenhouse Gas Emission Summary has been prepared for the municipal operations at the Town of Whitchurch-Stouffville. The data included in this table represents operations during the 2014 calender year. Data related to operations in the 2015 calender year will be made available prior to July 2017.

This table summarizes the operations that consume energy within the municipality (those with heated/cooled building, not including street lights and similar souces), their energy consumption, energy intensity (energy unit/area) and greenhouse gas emissions generated from the use of energy.

If you have questions related to the requirements of Ontario Regulatiosn 391/11 or the data presented in the table below, please contact:

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Confirm consecutive 12-mth period (mth-yr to mth-yr)	Jan/2014 - Dec/2014
Sector	Municipality
Agency Sub-sector	Municipal
Organization Name	Town of Whitchurch-Stouffville

Please fill in the mandatory fields indicated in red, in addition to submitting data on your energy usage.

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/wk	Annual Flow (Mega Litres)
Stephenson Building	*Administrative offices and related facilities, including municipal council chambers*	*2160 Yonge Street*	*Toronto*	*M7A 2G5*	*135,034.00*	*Square m*	*70*	*23516.00224*
6240 Main Street (Former Library)	Community centres	6240 Main Street	Stouffville	L4A 1E2	8,100.00	Square fe	50	0.00000
Ballantrae Community Centre	Community centres	5592 Aurora Sideroad	Stouffville	L4A 7X5	7,200.00	Square fe	35	0.00000
Ballantrae Fire Station 52	Fire stations and associated offices and facilities	15400 Highway 48	Ballantrae	L4A 7X5	12,400.00	Square fe	15	0.00000
Bethesda Parks Shop / Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	6301 Bethesda Road	Stouffville	L4A 7X3	7,000.00	Square fe	15	0.00000
Bethesda Sports Field & Fieldhouse	Administrative offices and related facilities, including municipal council chambers	6323 Bethesda Road	Stouffville	L4A 7X3	3,300.00	Square fe	15	0.00000
Latcham Hall	Community centres	8 Park Drive South	Stouffville	L4A 7Z6	5,750.00	Square fe	35	0.00000
Lebovic Centre for the Arts & Entertainment, Nineteen on the Park	Performing arts facilities	19 Civic Avenue	Stouffville	L4A 7Z6	6,700.00	Square fe	40	0.00000
Lemonville Community Centre	Community centres	13453 McCowan Road	Stouffville	L4A 7X5	5,036.00	Square fe	35	0.00000
Museum Bogartown School House	Cultural facilities	14732 Woodbine Avenue	Gormley	L0H 1G0	2,800.00	Square fe	10	0.00000
Museum Brown House	Cultural facilities	14732 Woodbine Avenue	Gormley	L0H 1G0	2,800.00	Square fe	10	0.00000
Museum Vandorf Public School	Cultural facilities	14732 Woodbine Avenue	Gormley	L0H 1G0	3,200.00	Square fe	10	0.00000
Parks Depot	Administrative offices and related facilities, including municipal council chambers	4 Park Drive South	Stouffville	L4A 7Z6	3,000.00	Square fe	168	0.00000
Silver Jubilee	Community centres	6297 Main Street	Stouffville	L4A 1E2	6,350.00	Square fe	35	0.00000
Stouffville Arena	Indoor ice rinks	12483 Ninth Line	Stouffville	L4A 7Y4	79,000.00	Square fe	90	0.00000
Stouffville Clippers Sports Complex	Indoor ice rinks	120 Weldon Road	Stouffville	L4A 1N2	76,534.00	Square fe	90	0.00000
Stouffville Fire Station 51	Fire stations and associated offices and facilities	100 Weldon Road	Stouffville	L4A 1N2	18,730.00	Square fe	84	0.00000
Town of Whitchurch-Stouffville Municipal Offices	Administrative offices and related facilities, including municipal council chambers	111 Sandiford Drive	Stouffville	L4A 0Z8	59,000.00	Square fe	50	0.00000
Train Station	Administrative offices and related facilities, including municipal council chambers	6176 Main Street	Stouffville	L4A 2S5	2,150.00	Square fe	70	0.00000
Whitchurch-Stouffville Leisure Centre	Indoor swimming pools	2 Park Drive (formerly 30 Burkholder Street)	Stouffville	L4A 4K1	39,000.00	Square fe	95	0.00000
Whitchurch-Stouffville Museum and Community Centre	Community centres	14732 Woodbine Avenue	Gormley	L0H 1G0	9,118.00	Square fe	10	0.00000
Whitchurch-Stouffville Operations Centre	Administrative offices and related facilities, including municipal council chambers	5061 Bethesda Road	Stouffville	L4A 7X5	45,172.00	Square fe	40	0.00000

Energy Type and Amount Purchased and Consumed in Natural Units

Operation Name	Electricity Quantity	Electricity Unit	Natural Gas Quantity	Natural Gas Unit	Fuel Oil 1 & 2 Quantity	Fuel Oil 1 & 2 Unit	Fuel Oil 4 & 6 Quantity	Fuel Oil 4 & 6 Unit	Propane Quantity	Propane Unit	Coal Quantity	Coal Unit	Wood Quantity	Wood Unit
Stephenson Building	*2,181,065.00000*	*kWh*	*125,300.00000*	*Cubic meter*		*Litre*		*Litre*		*Litre*		*Metric Tonne*		*Metric To*
6240 Main Street (Former Library)	46,545.22000	kWh	12,699.00000	Cubic Meter										
Ballantrae Community Centre	4,314.48000	kWh	11,949.94000	Cubic Meter										
Ballantrae Fire Station 52	110,327.57000	kWh	19,010.75000	Cubic Meter										
Bethesda Parks Shop / Storage Building	12,606.17000	kWh												
Bethesda Sports Field & Fieldhouse	109,522.06000	kWh							5,693.80000	Litre				
Latcham Hall	45,536.40000	kWh	16,109.03000	Cubic Meter										
Lebovic Centre for the Arts & Entertainment, Nineteen on the Park	125,692.79000	kWh	18,471.75000	Cubic Meter										
Lemonville Community Centre	12,501.90000	kWh							7,403.80000	Litre				
Museum Bogartown School House	24,474.29000	kWh	1,533.28000	Cubic Meter										
Museum Brown House	24,474.29000	kWh	1,533.28000	Cubic Meter										
Museum Vandorf Public School	24,474.29000	kWh	1,533.28000	Cubic Meter										
Parks Depot	9,288.42000	kWh	7,145.51000	Cubic Meter										
Silver Jubilee	8,320.00000	kWh	10,959.81000	Cubic Meter										
Stouffville Arena	1,348,509.14000	kWh	128,424.40000	Cubic Meter										
Stouffville Clippers Sports Complex	2,217,470.82000	kWh	67,701.53000	Cubic Meter										
Stouffville Fire Station 51	201,949.00000	kWh	28,569.41000	Cubic Meter										
Town of Whitchurch-Stouffville Municipal Offices	999,971.28000	kWh	53,844.91000	Cubic Meter										
Train Station	22,954.36000	kWh	3,321.87000	Cubic Meter										
Whitchurch-Stouffville Leisure Centre	1,161,514.08000	kWh	132,312.50000	Cubic Meter										
Whitchurch-Stouffville Museum and Community Centre	171,320.05000	kWh	10,732.96000	Cubic Meter										
Whitchurch-Stouffville Operations Centre	439,605.96000	kWh	70,631.44000	Cubic Meter										

Operation Name	District Heating Quantity	District Heating Unit	District Heating Renewable	District Heating If Yes, enter Emission Factor	District Cooling Quantity	District Cooling Unit	District Cooling Renewable	District Cooling If Yes, enter Emission Factor	Total (calculated in webform) GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	Building / Operation Identifier	Comments
Stephenson Building	*26.73000*	*Giga Joule*	*No*	*0.00000*	*20.50600*	*Giga Joule*	*No*	*########*					*max. 255 characters*
6240 Main Street (Former Library)									25,871.39307	22.40832	0.00000		
Ballantrae Community Centre									22,765.50587	18.23830	0.00000		
Ballantrae Fire Station 52									40,356.55364	25.19110	0.00000		
Bethesda Parks Shop / Storage Building									504.38547	1.80088	0.00000		
Bethesda Sports Field & Fieldhouse									13,156.14184	45.31898	0.00000		
Latcham Hall									32,278.12396	37.69384	0.00000		
Lebovic Centre for the Arts & Entertainment, Nineteen on the Park									39,952.28351	48.06066	0.00000		
Lemonville Community Centre									11,909.35086	12.81865	0.00000		
Museum Bogartown School House									3,878.10138	14.56059	0.00000		
Museum Brown House									3,878.10138	14.56059	0.00000		
Museum Vandorf Public School									3,878.10138	12.74051	0.00000		
Parks Depot									13,881.13311	28.40977	0.00000		
Silver Jubilee									21,053.80422	19.65329	0.00000		
Stouffville Arena									296,757.83730	34.34652	0.00000		
Stouffville Clippers Sports Complex									216,721.56554	38.37494	0.00000		
Stouffville Fire Station 51									62,094.27936	26.99297	0.00000		
Town of Whitchurch-Stouffville Municipal Offices									141,810.49154	26.64785	0.00000		
Train Station									7,198.84401	27.09696	0.00000		
Whitchurch-Stouffville Leisure Centre									296,626.92479	65.83851	0.00000		
Whitchurch-Stouffville Museum and Community Centre									27,146.71049	31.29936	0.00000		
Whitchurch-Stouffville Operations Centre									151,126.78158	26.34953	0.00000		

Notes:
(1) Energy consumption data was based on information provided in utility bills (billed quantities)
(2) Individual utility meters are not present for the Whitchurch-Stouffville Museum and Community Centre and associated museum buildings. As a result, a split of 10%, 10%, 10% and 70% were assumed across the four buildings.
(3)Greenhouse gas emissions and energy intensity data are based on calculations completed within the Ministry of Energy Submission Form