

City of Markham Ontario Regulation 397/11 Energy Consumption and Greenhouse Gas Emissions Report for 2015																						
Confirm consecutive 12-mth period (mth-yr to mth-yr)		Jan/2015 - Dec/2015																				
Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/wk	Annual Flow (Mega Litres)	Energy Type and Amount Purchased and Consumed in Natural Units								Total [calculated in webform]					
									Electricity		Natural Gas		District Heating			District Cooling		GHG Emissions (kg)	Energy Intensity (e/kWh/sof)			
									Quantity	Unit	Quantity	Unit	Quantity	Unit	Renewable?	If Yes, enter Emission Factor	Quantity			Unit	Renewable?	If Yes, enter Emission Factor
Angus Glen Community Centre/Arena	Community centres	3990 Major Mackenzie Dr E	Markham	L6P 1P8	179,007.00	Square feet	126		5,716,744	kWh	525,863	Cubic Meter					1,228,013.33	63.16				
Angus Glen Tennis Centre	Gyms and indoor courts for playing tennis, basketball or other sports	3970 Major Mackenzie Dr E	Markham	L6P 1P8	35,000.00	Square feet	126		0	kWh	21,568	Cubic Meter					40,777.04	6.55				
Armada Community Centre	Community centres	2401 Denison St	Markham	L3S 1G3	23,557.00	Square feet	126		324,685	kWh	51,214	Cubic Meter					109,991.90	36.89				
Burlington Women's Institute Community Hall	Community centres	8931 Woodbine Avenue	Unionville	L3R 0J9	5,360.00	Square feet	126		13,256	kWh	8,486	Cubic Meter					16,450.80	19.24				
Centennial Community Centre	Community centres	8600 McCowan Rd	Markham	L3P 3M2	142,000.00	Square feet	126				3,228,086	kWh	310,814	Cubic Meter			718,525.77	46.00				
Community & Fire Services Administration Building	Administrative offices and related facilities, including municipal council chambers	8100 WARDEN AVE	Markham	L3R 8H7	59,722.00	Square feet	65		871,913	kWh	25,162	Cubic Meter	1,483	Giga Joule	No	41.87	867	Giga Joule	No	3.20	173,814.92	27.20
Crosby Community Centre/Arena	Community Centres	210 Main St	Unionville	L3R 2G9	34,293.00	Square feet	126		773,280	kWh	51,417	Cubic Meter					824,403.21	57.68				
Fire Station #91	Fire stations and associated offices and facilities	7801 Bayview Avenue	Thornhill	L3T 7N1	8,348.00	Square feet	168		95,200	kWh	23,217	Cubic Meter					128,565.33	38.48				
Fire Station #92	Fire stations and associated offices and facilities	10 Rivera Dr	Markham	L3R 5M3	15,408.00	Square feet	168		214,800	kWh	43,866	Cubic Meter					47,754.86	40.96				
Fire Station #93	Fire stations and associated offices and facilities	2930 MAJOR MACKENZIE DR E	Markham	L6C 0J1	10,834.00	Square feet	168		171,660	kWh	2,303	Cubic Meter					91,643.95	44.20				
Fire Station #94	Fire stations and associated offices and facilities	7300 Birchmount	Markham	L3R 3T1	7,142.00	Square feet	168		75,730	kWh	29,495	Cubic Meter					11,314.58	18.10				
Fire Station #95	Fire stations and associated offices and facilities	316 Main Street	Unionville	L3R 2H2	11,846.00	Square feet	168		152,206	kWh	37,754	Cubic Meter					58,834.73	54.49				
Fire Station #96	Fire stations and associated offices and facilities	5567 14th Avenue, Milliken	Markham	L3S 3K5	8,933.00	Square feet	168		78,491	kWh	29,008	Cubic Meter					77,550.40	46.72				
Fire Station #97	Fire stations and associated offices and facilities	209 Main Street, Markham	Markham	L3P 1T4	7,659.00	Square feet	168		63,595	kWh	20,170	Cubic Meter					55,025.97	43.30				
Fire Station #98	Fire stations and associated offices and facilities	650 Bur Oak Avenue, Markham	Markham	L6E 1C3	9,400.00	Square feet	168		143,653	kWh	32,345	Cubic Meter					40,712.99	36.24				
Fire Station #99	Fire stations and associated offices and facilities	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	10,834.00	Square feet	168		90,860	kWh	642	Cubic Meter	831	Giga Joule	No	53.64	283	Giga Joule	No	2.49	66,977.18	51.85
Fleet Maintenance Works Yard- Main Building	Administrative offices and related facilities, including municipal council chambers	555 Miller Avenue, Markham	Markham	L6G 1B2	33,002.00	Square feet	65		450,271	kWh	87,845	Cubic Meter					55,140.76	32.52				
John Street Fire Training Centre	Fire stations and associated offices and facilities	438 John Street	Thornhill	L3T 121	5,531.00	Square feet	168		50,038	kWh	14,441	Cubic Meter					184,339.70	41.93				
Markham Civic Centre	Administrative offices and related facilities, including municipal council chambers	101 Town Centre Blvd	Markham	L3R 9W3	17,251.00	Square feet	65		2,233,797	kWh	66,678	Cubic Meter	4,874	Giga Joule	No	41.87	3,309	Giga Joule	No	3.20	25,331.50	36.80
Markham Museum	Cultural facilities	9350 HIGHWAY 48	Markham	L3P 3J3	68,009.00	Square feet	40		663,360	kWh	23,855	Cubic Meter					390,913.97	22.41				
Markham Seniors Activity Centre	Indoor recreational facilities	22 Water Street, Markham	Markham	L3P 7P9	14,139.00	Square feet	49		186,546	kWh	9,167	Cubic Meter					71,998.83	13.48				
Markham Village BIA	Administrative offices and related facilities, including municipal council chambers	132 ROBINSON ST	Markham	L3P 5H5	630.00	Square feet	65		10,112	kWh	2,374	Cubic Meter					24,895.44	20.08				
Markham Village Community Centre/Arena	Community centres	6041 Highway 7	Markham	L3P 3A7	43,204.00	Square feet	126		588,000	kWh	47,197	Cubic Meter					4,898.36	56.10				
Markham Village Library	Public libraries	6031 Highway 7	Markham	L3P 3A7	19,561.00	Square feet	67		560,000	kWh	66,678	Cubic Meter					113,074.15	25.22				
McKay House	Art galleries	197 MAIN ST	Markham	L3R 9W3	3,116.00	Square feet	39		11,962	kWh	3,031	Cubic Meter					148,770.11	64.86				
Milliken Mills Community Centre	Community centres	7600 Kennedy Rd	Markham	L3R 9S5	103,438.00	Square feet	126		1,827,187	kWh	308,684	Cubic Meter					6,215.54	14.18				
Milliken Mills Soccer Dome & Clubhouse	Gyms and indoor courts for playing tennis, basketball or other sports	7700 Kennedy Rd	Markham	L3R 9S5	33,382.00	Square feet	30		271,440	kWh	92,398	Cubic Meter					657,695.09	49.38				
Millne Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	8251 MCCOWAN RD Milline Park	Markham	L3P 3J3	1,291.00	Square feet	65		1,066	kWh	-	Cubic Meter					183,696.50	37.55				
Mount Joy Community Centre/Arena	Community centres	5140 16th Ave	Markham	L3P 3K8	61,844.00	Square feet	126		1,054,095	kWh	58,721	Cubic Meter					43.22	0.83				
Old Unionville Library Community Centre	Community centres	221 Main Street	Unionville	L3P 1Y6	3,869.00	Square feet	126		16,142	kWh	5,201	Cubic Meter					153,760.95	27.49				
Parks Department Maintenance Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	4415 14th Avenue, Milliken	Markham	L3R 0J2	7,259.00	Square feet	65		73,730	kWh	31,960	Cubic Meter					10,487.68	21.20				
Pingle House	Community centres	4022 Major Mackenzie Drive	Markham	L6P 1P8	4,400.00	Square feet	126		0	kWh	3,259	Cubic Meter					1,532,509.44	78.97				
Princess Street Parks Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	6 Princess Street, Markham	Markham	L3P 1K3	960.00	Square feet	65		39,247	kWh	-	Cubic Meter					63,414.03	56.95				
R.J. Clatworthy Arena	Indoor ice rinks	2480 John St	Markham	L3T 6G6	33,284.00	Square feet	126		540,041	kWh	28,727	Cubic Meter					6,161.55	7.87				
Rouge River Community Centre	Community centres	120 Rouge Bank Dr	Markham	L3S 4B7	20,302.00	Square feet	126		255,600	kWh	71,900	Cubic Meter					1,991.39	40.88				
St. Robert's Soccer Dome	Gyms and indoor courts for playing tennis, basketball or other sports	8101 LESLIE ST	Markham	L3T 7P4	29,351.00	Square feet	30		951	kWh	-	Cubic Meter					76,200.64	25.40				
Thornhill Community Centre	Community centres	7755 Bayview Ave	Markham	L3T 4P1	168,139.00	Square feet	126		3,428,701	kWh	408,174	Cubic Meter					146,300.15	50.23				
Thornhill Village Library	Public libraries	10 Colborne St	Thornhill	L3T 126	4,283.00	Square feet	44		32,428	kWh	4,646	Cubic Meter					38.56	0.03				
Unionville Library	Public libraries	15 Library Lane	Markham	L3R 5C4	13,640.00	Square feet	65		269,040	kWh	11,227	Cubic Meter					910,731.74	46.19				
Unionville Train Station Community Centre	Community centres	7 STATION LANE	Markham	L3R 1R4	1,985.00	Square feet	126		7,245	kWh	4,441	Cubic Meter					10,098.75	19.10				
Varley Art Gallery	Art galleries	216 Main St	Unionville	L3R 2H1	25,000.00	Square feet	41		466,720	kWh	70,765	Cubic Meter					32,135.10	28.47				
Warden House	Community centres	8840 Warden Avenue	Markham	L3R 0K3	5,296.00	Square feet	56		64,378	kWh	-	Cubic Meter					8,690.06	27.43				
West Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	428 John Street	Thornhill	L3T 121	2,719.00	Square feet	65		38,025	kWh	6,554	Cubic Meter					152,714.78	48.75				
Pan Am Centre	Indoor recreational facilities	16 Main Street	Markham	L3R 2E5	142,000.00	Square feet	55		3,707,892	kWh	-	Cubic Meter	22,438	Giga Joule	No	41.87	15,132	Giga Joule	No	3.20	2,610.42	12.16
Cornell Community Centre	Community centres	3201 Bur Oak Ave	Markham	L6B 0T2	129,000.00	Square feet	55		3,767,350	kWh	-	Cubic Meter	10,881	Giga Joule	No	53.64	7,739	Giga Joule	No	2.49	13,933.02	39.60
Total					1,719,202				32,630,095		2,574,489		40,507				27,330		8,685,757			