

**City of Markham Ontario Regulation 507/18 Energy Consumption and Greenhouse Gas Emissions Report for 2020**

Reporting Year		Jan 2020 - Dec 2020		Energy Type and Amount Purchased and Consumed in Natural Units														Total (calculated in webform)	
Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/wk	Electricity		Natural Gas		District Heating		District Cooling		GHG Emissions (kg)	Energy Intensity (kWh/sqft)		
								Quantity	Unit	Quantity	Unit	Quantity	Unit	If Yes, enter Emission Factor	Quantity			Unit	If Yes, enter Emission Factor
Aainin Community Centre	Community centres	5665 14th Ave	Markham	L3S 3K5	122,000	Square feet	126	2,225,818	kWh	232,447	Cubic Meter					507,297	38.49		
Angus Glen Community Centre/Arena	Community centres	3990 Major Mackenzie Dr E	Markham	L6P 1P8	179,007	Square feet	126	3,270,911	kWh	309,076	Cubic Meter					684,022	36.62		
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	Square feet	126			24,797	Cubic Meter					46,882	7.53		
Armada Community Centre	Community centres	2401 Denison St	Markham	L3S 1G3	23,557	Square feet	126	176,022	kWh	37,800	Cubic Meter					76,829	24.53		
Buttonville Women's Institute Community Hall	Community centres	8931 Woodbine Avenue	Unionville	L3R 0J9	5,360	Square feet	126	6,096	kWh	6,339	Cubic Meter					12,171	13.71		
Centennial Community Centre	Community centres	8600 McCowan Rd	Markham	L3P 3M2	142,000	Square feet	126	1,652,448	kWh	309,297	Cubic Meter					635,121	34.79		
Community & Fire Services Administration Building	Administrative offices and related facilities, including municipal council chambers	8100 WARDEN AVE	Markham	L3R 8H7	59,722	Square feet	65	695,492	kWh	24,061	Cubic Meter	1,366	Giga Joule	47.59	1,135	Giga Joule	2.27	134,282	23.88
Cornell Community Centre	Community centres	3201 Bur Oak Ave	Markham	L6B 0T2	129,000	Square feet	54.5	2,370,841	kWh			6,208	Giga Joule	56.65	5,058	Giga Joule	1.70	432,568	35.05
Crosby Community Centre/Arena	Indoor ice rinks	210 Main St	Unionville	L3R 2G9	34,293	Square feet	126	361,743	kWh	47,677	Cubic Meter					101,162	25.32		
Fire Station #91	Fire stations and associated offices and facilities	7801 Bayview Avenue	Thornhill	L3T 7N1	8,348	Square feet	168	109,355	kWh	18,796	Cubic Meter					38,868	37.03		
Fire Station #92	Fire stations and associated offices and facilities	10 Riviera Dr	Markham	L3R 5M1	15,408	Square feet	168	216,004	kWh	38,678	Cubic Meter					79,709	40.70		
Fire Station #93	Fire stations and associated offices and facilities	2930 MAJOR MACKENZIE DR E	Markham	L6C 0I1	10,834	Square feet	168	161,847	kWh	2,058	Cubic Meter					8,822	16.96		
Fire Station #94	Fire stations and associated offices and facilities	7300 Birchmount	Markham	L3R 3T1	7,142	Square feet	168	101,045	kWh	17,088	Cubic Meter					35,385	39.58		
Fire Station #95	Fire stations and associated offices and facilities	316 Main Street	Unionville	L3R 2H2	11,846	Square feet	168	141,483	kWh	30,217	Cubic Meter					61,441	39.05		
Fire Station #96	Fire stations and associated offices and facilities	5567 14th Avenue, Milliken	Markham	L3S 3K5	8,933	Square feet	168	82,086	kWh	18,580	Cubic Meter					37,629	31.29		
Fire Station #97	Fire stations and associated offices and facilities	209 Main Street, Markham	Markham	L3P 1Y4	7,669	Square feet	168	65,460	kWh	16,392	Cubic Meter					32,986	31.25		
Fire Station #98	Fire stations and associated offices and facilities	650 Bur Oak Avenue, Markham	Markham	L6E 1C3	9,400	Square feet	168	130,932	kWh	32,645	Cubic Meter					65,683	50.74		
Fire Station #99	Fire stations and associated offices and facilities	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	10,834	Square feet	168	92,359	kWh	537	Cubic Meter	720	Giga Joule	56.65	283	Giga Joule	1.70	45,102	29.71
Fleet Maintenance Works Yard- Main Building	Administrative offices and related facilities, including municipal council chambers	555 Miller Avenue, Markham	Markham	L6G 1B2	33,002	Square feet	65	435,443	kWh							13,269	13.19		
John Street Fire Training Centre	Fire stations and associated offices and facilities	438 John Street	Thornhill	L3T 1Z1	5,531	Square feet	168	72,844	kWh	12,663	Cubic Meter					26,160	37.50		
Markham Civic Centre	Administrative offices and related facilities, including municipal council chambers	101 Town Centre Blvd	Markham	L3R 9W3	172,515	Square feet	65	1,851,190	kWh	14,553	Cubic Meter	4,371	Giga Joule	47.59	2,167	Giga Joule	2.27	296,892	19.72
Markham Museum	Cultural facilities	9350 HIGHWAY 48	Markham	L3P 3I3	68,009	Square feet	40	570,336	kWh	73,247	Cubic Meter					155,863	19.83		
Markham Village BIA	Administrative offices and related facilities, including municipal council chambers	132 ROBINSON ST	Markham	L3P 5H5	630	Square feet	65	3,243	kWh	1,568	Cubic Meter					3,063	31.60		
Markham Village Community Centre/Arena	Indoor ice rinks	6041 Highway 7	Markham	L3P 3A7	43,204	Square feet	126	611,107	kWh	51,141	Cubic Meter					115,310	26.72		
Markham Village Library	Public libraries	6031 Highway 7	Markham	L3P 3A7	19,561	Square feet	66.5	418,002	kWh	36,227	Cubic Meter					81,229	41.05		
McKay House	Art galleries	197 MAIN ST	Markham	L3R 9W3	3,116	Square feet	38.75	7,678	kWh	3,453	Cubic Meter					6,763	14.24		
Milliken Mills Community Centre	Community centres	7600 Kennedy Rd	Markham	L3R 9S5	103,438	Square feet	126	1,116,313	kWh	199,507	Cubic Meter					411,211	31.29		
Milliken Mills Soccer Dome & Clubhouse	Gyms and indoor courts for playing tennis, basketball or other sports	7700 Kennedy Rd	Markham	L3R 9S5	33,382	Square feet	30	198,052	kWh	67,235	Cubic Meter					133,152	27.34		
Millie Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	8251 MCCOWAN RD/Milliken Park	Markham	L3P 3I3	1,291	Square feet	65	1,570	kWh							48	1.22		
Mount Joy Community Centre/Arena	Indoor ice rinks	6140 16th Ave	Markham	L3P 3K8	61,044	Square feet	126	630,393	kWh	52,641	Cubic Meter					118,735	19.49		
Old Unionville Library Commuunity Centre	Community centres	221 Main Street	Unionville	L3P 1Y6	3,369	Square feet	126	3,294	kWh	4,645	Cubic Meter					8,881	15.63		
Pan Am Centre	Community centres	16 Main Street	Markham	L3R 2E5	142,000	Square feet	54.5	2,611,936	kWh	18,489	Cubic Meter	16,716	Giga Joule	47.59	10,112	Giga Joule	2.27	933,072	58.47
Parks Department Maintenance Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	4415 14th Avenue, Milliken	Markham	L3R 0J2	7,259	Square feet	65	65,574	kWh	38,901	Cubic Meter					74,764	63.06		
Pinglo House	Community centres	4022 Major Mackenzie Drive	Markham	L6P 1P8	4,400	Square feet	126			2,283	Cubic Meter					4,317	5.52		
Princess Street Parks Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	6 Princess Street, Markham	Markham	L3P 1K3	960	Square feet	65	51,544	kWh							1,571	53.69		
R.J. Clatworthy Arena	Indoor ice rinks	2400 John St	Markham	L3T 6G6	33,284	Square feet	126	296,793	kWh	25,784	Cubic Meter					57,793	17.15		
Rouge River Community Centre	Community centres	120 Rouge Bank Dr	Markham	L3S 4B7	20,302	Square feet	126	230,631	kWh	46,242	Cubic Meter					94,455	35.57		
St. Robert's Soccer Dome	Gyms and indoor courts for playing tennis, basketball or other sports	8101 LESLIE ST	Markham	L3T 7P4	29,351	Square feet	30	858	kWh	98,396	Cubic Meter					186,056	35.66		
Thornhill Community Centre	Community centres	7755 Bayview Ave	Markham	L3T 4P1	168,139	Square feet	126	2,033,869	kWh	308,842	Cubic Meter					645,578	31.56		
Thornhill Village Library	Public libraries	10 Colborne St	Thornhill	L3T 1Z6	4,283	Square feet	44	25,221	kWh	3,562	Cubic Meter					7,503	14.73		
Unionville Library	Public libraries	15 Library Lane	Markham	L3R 5C4	13,640	Square feet	64.5	178,210	kWh	14,434	Cubic Meter					32,719	24.31		
Unionville Train Station Community Centre	Community centres	7 STATION LANE	Markham	L3R 1R4	1,985	Square feet	126	3,974	kWh	7,084	Cubic Meter					13,515	39.93		
Varley Art Gallery	Art galleries	216 Main st	Unionville	L3R 2H1	25,000	Square feet	41	368,031	kWh	56,715	Cubic Meter					118,442	38.83		
Warden House	Community centres	8840 Warden Avenue	Markham	L3R 0K3	5,296	Square feet	56	5,637	kWh							172	1.06		
West Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	428 John Street	Thornhill	L3T 1Z1	2,719	Square feet	65	39,440	kWh	5,990	Cubic Meter					12,527	37.92		
<b>Total</b>					<b>1,827,063</b>			<b>23,680,225</b>		<b>2,308,087</b>		<b>29,383</b>		<b>18,755</b>		<b>6,586,019</b>			