

City of Markham Ontario Regulation 25/23 Energy Consumption and Greenhouse Gas Emissions Report for 2022

Reporting Year: Jan 2022 - Dec 2022

Property Name	Address 1	City	Postal Code	Property GFA - Self Reported (m ²)	Primary Property Type - Self Selected	Electricity Use - Grid Purchase (kWh)	Electricity Use - Grid Purchase (GJ)	Natural Gas Use (liters)	Natural Gas Use (GJ)	District Hot Water Use (GJ)	District Chilled Water Use (GJ)	Site Energy Use (GJ)	Source Energy Use (GJ)	Site EUI (GJ/m ²)	Source EUI (GJ/m ²)	Weather Normalized Site Energy Use (GJ)	Weather Normalized Site EUI (GJ/m ²)	Weather Normalized Source Energy Use (GJ)	Weather Normalized Source EUI (GJ/m ²)	Total (Source+Resid) GHG Emissions (Metric Tons CO2e)	Total (Source+Resid) GHG Emissions Intensity (kgCO2e/m ²)
Austin Community Centre	5665 14TH AVE	Markham	L3L 3K5	11334.2	Other - Recreation	1710077.7	6155.9	97433.7	10779.8	Not Available	Not Available	16435.7	22161.9	1.45	1.96	16320.8	1.46	22292	1.96	564.7	49.8
Angus Glen Community Centre/Arena	3990 MAJOR MACKENZIE DR	Markham	L6C 1P8	16630.1	Ice/Curling Rink	1772739.6	6381.6	156512	17614	Not Available	Not Available	43995.6	51549.2	2.65	3.1	43995.6	2.65	51549.2	3.1	1040.7	116.7
Angus Glen Tennis Centre	3970 Major Mackenzie Dr E	Markham	L6P 1P8	2828.9	Other - Stadium	Not Available	Not Available	6555.7	907.6	Not Available	Not Available	907.6	956.8	0.3	0.32	957.6	0.32	1015.1	0.34	65.4	15.3
Arvinville Community Centre	2461 DENISON ST	Markham	L3L 1G3	2188.5	Social/Meeting Hall	202809.2	794.9	15152.8	1988.7	Not Available	Not Available	2393.6	3149.3	1.29	1.44	2414.3	1.1	3171.3	1.45	86.6	39.6
Butterville Women's Institute Community Centre	8931 Woodbine Avenue	Unionville	L3R 0Y9	498	Social/Meeting Hall	11804.5	42.5	2431.3	256.5	Not Available	Not Available	299	349.7	0.6	0.7	303.9	0.61	314.8	0.71	13.2	26.6
Centennial Community Centre	8660 McCowan Rd	Markham	L3P 3M2	13192.2	Social/Meeting Hall	2309940.1	8283	95315.5	10056.3	Not Available	Not Available	18339.4	25817.7	1.39	1.96	18440	1.4	25924.4	1.97	570	43.2
Community & Fine Services Administration	8100 WARREN AVE	Markham	L3R 8H7	7862.1	Office	795783.6	2864.7	9967.8	1051.7	1414.4	1499.1	9088.3	9878.1	0.87	1.16	6736.3	0.86	8043.2	1.15	298.2	37.9
Cornell Community Centre	3201 Bur Oak Avenue	Markham	L6B 0T2	14266.2	Other - Recreation	2534703.1	9484.5	Not Available	Not Available	10056	6115.4	25566	34217	1.8	2.4	25000.3	1.75	33872.9	2.37	1345.8	94.3
Crosby Community Centre/Arena	210 Main St	Unionville	L3R 2G9	3185.9	Social/Meeting Hall	580014	2088	13528.1	1427.3	Not Available	Not Available	3515.3	5333.9	1.1	1.67	3537.5	1.11	5357.5	1.68	88	27.6
Fire Station #91	7801 Bayview Avenue	Thornhill	L3T 7N3	775.6	Fire Station	111495.1	408.6	7288.7	765.8	Not Available	Not Available	111495.1	1559.4	1.51	2.01	1176.8	1.52	1562	2.01	61.7	53.7
Fire Station #92	10 Rivers Dr	Markham	L3R 5M1	1415.5	Fire Station	237493.8	926.9	16471.9	1737.9	Not Available	Not Available	2664.8	3538.5	1.86	2.47	2657.8	1.86	3331	2.47	94.6	66.1
Fire Station #93	2930 MAJOR MACKENZIE DR E	Markham	L6C 0U1	1006.5	Fire Station	151993.1	561.6	784.9	82.8	Not Available	Not Available	644.4	1115.4	0.64	0.64	641.9	0.64	1114.5	1.11	5.5	6.5
Fire Station #94	7300 Birchmount	Markham	L3R 3T3	663.5	Fire Station	86681.4	348	6693	706.1	Not Available	Not Available	1385.4	1385.4	1.59	2.09	1060.2	1.6	1189	2.09	38.2	17.6
Fire Station #95	314 Main Street	Unionville	L3R 2H2	1100.5	Fire Station	143289.7	515.8	11316.8	1388.1	Not Available	Not Available	140389.7	2114.8	1.73	2.19	1517.3	1.74	2425.7	2.2	71.8	67.1
Fire Station #96	5567 14th Avenue, Milliken	Markham	L3S 3A5	829.9	Fire Station	91133.6	328.1	6733.3	710.4	Not Available	Not Available	1036.5	1353.4	1.25	1.63	1040.7	1.25	1355.8	1.63	58.3	46.1
Fire Station #97	209 Main Street, Markham	Markham	L3P 1Y4	712.5	Fire Station	71141.7	256.1	12893.2	1360.1	Not Available	Not Available	1616.2	1910.4	2.27	2.68	1641.5	2.3	1937.2	2.72	70.4	68.8
Fire Station #98	450 Bur Oak Avenue, Markham	Markham	L6E 1C3-7	873.3	Fire Station	131719.8	474.2	11794.2	1244.4	Not Available	Not Available	1738.5	2178.5	1.97	2.5	1733.4	1.96	2181.3	2.5	66.3	75.9
Fire Station #99	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	1006.5	Fire Station	94405.9	339.8	169.4	17.9	846.6	273	1477.3	1922.4	1.47	1.91	Not Available	Not Available	Not Available	Not Available	79	78.5
Foto Performing Arts Theatre	171 TOWN CENTRE BLVD	Markham	L3R 8C5	2805.7	Performing Arts	325879.9	1173.1	1980.8	209	Not Available	Not Available	1382.1	2368.3	0.49	0.84	1382.1	0.49	2368.1	0.84	19.6	7
Fleet Maintenance Works Yard - Main	555 Miller Avenue	Markham	L6E 1B1	3066	Repair Services (Vehicle, Shoe)	434048.9	1562.5	Not Available	Not Available	Not Available	Not Available	2859.4	2859.4	0.51	0.93	1561.6	0.51	2857.8	0.93	12.2	4
John Street Fire Training Centre	438 John Street	Thornhill	L3T 1T1	513.8	Fire Station	54547.1	199.6	5265.9	555.6	Not Available	Not Available	755.2	954.2	1.47	1.86	767.1	1.49	965.4	1.88	29.5	17.4
Markham Civic Centre	101 Town Centre Blvd	Markham	L3R 9W3	14485.2	Office	1978039.6	7120.6	0	0	4603.2	2505.2	14227	20578.3	0.98	1.42	14015.2	0.97	20493.3	1.41	616.9	42.6
Markham Museum	9350 HIGHWAY 48	Markham	L3P 3J1	6318.2	Museum	560795.6	2018.8	2856.8	3073.4	Not Available	Not Available	50479.6	68979.2	0.8	1.09	5065.9	0.8	6924.4	1.1	167.7	26.5
Markham Village BIA	1321 ROBINSON ST	Markham	L3P 9H5	58.5	Office	4135.5	14.9	656.2	69.2	Not Available	Not Available	84.1	100.6	1.44	1.72	84.5	1.44	100.5	1.72	1.6	61.5
Markham Village Community Centre	6041 Highway 7	Markham	L3P 3A7	4013.8	Social/Meeting Hall	551989.9	1987.1	12603.8	1329.8	Not Available	Not Available	3136.8	5045.9	0.83	1.26	3111.5	0.83	5040.2	1.26	82.3	20.5
Markham Village Library	6031 Highway 7	Markham	L3P 3A7	3493.2	Library	485985.3	1749.5	17937.5	1892.5	Not Available	Not Available	3642	5207.6	1.04	1.49	3639.6	1.04	5183.4	1.48	108.8	31.1
McKay House	197 MAIN ST	Markham	L3R 9W3	289.5	Museum	7222.8	26	1469	155	Not Available	Not Available	181	211.9	0.63	0.73	181.5	0.63	211.2	0.73	8	27.6
Milliken Mills Community Centre	7600 Kennedy Rd	Markham	L3R 9S5	9609.7	Social/Meeting Hall	940443.2	3385.5	93961.9	7318.1	Not Available	Not Available	10703.5	13952.5	1.11	1.45	10835.8	1.13	14092.8	1.47	394.3	41
Milliken Mills Soccer Dome & Clubhouse	7700 Kennedy Rd	Markham	L3R 9S5	3101.3	Other - Stadium	215665.5	776.4	20846.6	2199.6	Not Available	Not Available	2976	3746.4	0.96	1.21	3005.7	0.97	3783.8	1.22	116.6	37.6
Mount Ivy Community Centre/Arena	825 McCowan Rd	Markham	L3P 3J3	119.9	Repair Services (Vehicle, Shoe)	870.8	3.1	Not Available	Not Available	Not Available	Not Available	3.1	5.7	0.03	0.05	5.7	0.03	5.7	0.05	0	0.2
Mount Ivy Community Centre/Arena	6140 16th Ave	Markham	L3P 3K8	5673.2	Social/Meeting Hall	912555.5	3430.1	20182	2129.3	Not Available	Not Available	5559.5	8534.2	0.98	1.5	5581.9	0.99	8568.6	1.51	133.7	23.6
Old Unionville Library Community Centre	271 Main Street	Unionville	L3P 1V6	313	Social/Meeting Hall	3918.4	14.1	1811.3	191.1	Not Available	Not Available	205.2	228.4	0.66	0.73	208.7	0.67	212.1	0.74	9.7	11
Pan Am Community Centre	16 Main St Unionville	Markham	L3R 2E4	13656.8	Social/Meeting Hall	2913135.5	10486.9	180.1	19	14908.5	8444	3389.8	43825.5	2.48	3.21	33418.8	2.45	43645.4	3.2	1924.8	140.9
Parks Department Maintenance Building	1443 14th Avenue, Milliken	Markham	L3R 0J2	674.4	Repair Services (Vehicle, Shoe)	57560	207.2	12959.8	1367.3	Not Available	Not Available	1574.5	1826.6	2.33	2.71	1574.5	2.33	1828.6	2.71	70.4	104.3
Poggie House	169 1P8	Markham	L6E 1P8	408.8	Social/Meeting Hall	Not Available	Not Available	884.7	93.3	Not Available	Not Available	91.3	98.9	0.23	0.24	104.1	0.24	104.1	0.25	4.7	11.5
Princess Street Parks Shop	6 Princess Street, Markham	Markham	L3P 1K3	89.2	Repair Services (Vehicle, Shoe)	48970.5	161.9	Not Available	Not Available	Not Available	Not Available	161.9	296.3	1.82	3.32	166.2	1.86	304.1	3.41	1.3	14.1
R.J. Clatworthy Arena	2400 John St	Markham	L3T 8E6	3092.2	Ice/Curling Rink	484893.3	1781.5	10695.7	1128.5	Not Available	Not Available	2930	4456.4	0.94	1.44	2927.9	0.95	4475.4	1.45	70.6	22.8
Rouge River Community Centre	120 Rouge Bank Dr	Markham	L3L 4B7	1886.1	Social/Meeting Hall	272683.4	801.6	15610.1	1647.9	Not Available	Not Available	2449.5	3213.8	1.3	1.7	2445.8	1.3	3109.9	1.7	89.1	47.2
St. Robert's Soccer	8301 LESLIE ST	Markham	L3T 7P4	2726.8	Stadium (Closed)	861.7	3.1	40660.4	4289.9	Not Available	Not Available	4299	4533	1.57	1.67	4274.6	1.67	4533.4	1.66	215.7	79.1
Thornhill Community Centre	7755 Bayview Ave	Markham	L3T 4P1	15620.6	Social/Meeting Hall	2803522.4	10092.3	79119.9	8347.6	Not Available	Not Available	18439.9	27317.3	1.18	1.75	18570.1	1.19	27455.4	1.76	498.2	31.9
Thornhill Village Library	10 Colborne St	Thornhill	L3T 1T6	397.9	Library	33983.4	118.7	1200.6	126.7	Not Available	Not Available	245.4	351.6	0.62	0.88	246.2	0.62	351.2	0.88	7.3	18.3
Unionville Library	15 Library Lane	Markham	L3R 5C4	1267.2	Library	213843.3	841.8	6617.7	887.2	Not Available	Not Available	1320	2056.9	1.05	1.62	1339.6	1.06	2071.1	1.63	31	24.5
Unionville Train Station Community Centre	7 STATION LANE	Markham	L3R 1B4	184.4	Social/Meeting Hall	3420.3	12.3	2792.6	294.6	Not Available	Not Available	306.9	334.8	1.66	1.82	312.3	1.69	340.5	1.85	14.9	80.8
Varley Art Gallery	214 Main St	Unionville	L3R 2H1	2322.6	Museum	340238	1224.8	12701.6	2289.6	Not Available	Not Available	3564.4	4664.4	1.51	2.01	3512.9	1.51	4666.7	2.01	124.6	53.7
Warden House	8840 Warden Avenue	Markham	L3R 0K3	492	Social/Meeting Hall	8276.9	29.8	Not Available	Not Available	Not Available	Not Available	29.8	54.5	0.05	0.11	30.4	0.06	55.6	0.11	0.2	0.5
West Parks Yard Shop	428 John Street	Markham	L3T 1T1	251.6	Repair Services (Vehicle, Shoe)	32052.7	115.4	2244	236.8	Not Available	Not Available	352.1	462.1	1.39	1.83	355.9	1.41	465.9	1.84	12.8	50.7