City of Markham Ontario Regulation 25/23 Energy Consumption and Greenhouse Gas Emissions Report for 2023

Reporting Year	Jan 2023 - Dec 2023

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 (therms)	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 Source Energy Use (GJ)	Weather Normalized Source EUI (GJ/m^2)	Weather Normalized Site Energy Use (GJ)	Weather Normalized Site EUI (GJ/m^2)	Total (Location-Based) GHG Emissions (Metric Tons CO2e)	Total (Location-Based) GHG Emissions Intensity ($kgCO2e/m^2$)
Fire Station #91	7801 Bayview Avenue	Thornhill	L3T 7N1	775.6	Fire Station	117164.2	421.8	6528.4	688.8	Not Available	Not Available	1110.6	1502	1.43	1.94	1635.5	2.11	1236.6	1.59	37.9	48.9
Fire Station #92	10 Riviera Dr	Markham	L3R 5M1	1431.5	Fire Station	223028.3	802.9	13833	1459.5	Not Available	Not Available	2262.3	3016.3	1.58	2.11	3337.6	2.33	2559.4	1.79	79.6	55.6
Fire Station #93	2930 MAJOR MACKENZIE DR E	Markham	L6C 0J1	1006.5	Fire Station	158233	569.6	720.8	76	Not Available	Not Available	645.7	1123	0.64	1.12	1163.2	1.16	667.7	0.66	8.3	8.2
Fire Station #94	7300 Birchmount	Markham	L3R 3T1	663.5	Fire Station	97678.5	351.6	6222.2	656.5	Not Available	Not Available	1008.1	1339.3	1.52	2.02	1448.6	2.18	1111.8	1.68	35.7	53.9
Fire Station #95	316 Main Street	Unionville	L3R 2H2	1100.5	Fire Station	134095.7	482.7	10246.1	1081	Not Available	Not Available	1563.7	2029.3	1.42	1.84	2218.2	2.02	1742	1.58	58.1	52.8
Fire Station #96	5567 14th Avenue, Milliken	Markham	L3S 3K5	829.9	Fire Station	87425.1	314.7	7008.8	739.5	Not Available	Not Available	1054.2	1359.8	1.27	1.64	1480.1	1.78	1167.7	1.41	39.6	47.7
Fire Station #97	209 Main Street, Markham	Markham	L3P 1Y4	712.5	Fire Station	67550.1	243.2	4602.6	485.6	Not Available	Not Available	728.8	959.7	1.02	1.35	1027.7	1.44	792.9	1.11	26.3	36.9
Fire Station #98	650 Bur Oak Avenue, Markham	Markham	L6E 1C3 ?	873.3	Fire Station	141421.4	509.1	11352.9	1197.8	Not Available	Not Available	1706.9	2201.3	1.95	2.52	2407.8	2.76	1901.6	2.18	64.2	73.5
Fire Station #99	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	1006.5	Fire Station	90431.6	325.5	189.3	20	753.8	296.5	1395.8	1788.5	1.39	1.78	1850.9	1.84	1433.1	1.42	71.6	71.2
John Street Fire Training Centre	438 John Street	Thornhill	L3T 1Z1	513.8	Fire Station	55716.7	200.6	4168.3	439.8	Not Available	Not Available	640.4	833.2	1.25	1.62	925.7	1.8	716.5	1.39	23.7	46.1
Markham Village Library	6031 Highway 7	Markham	L3P 3A7	3493.2	Library	495980.8	1785.5	16388.7	1729.1	Not Available	Not Available	3514.6	5100.2	1.01	1.46	5317.6	1.52	3729	1.07	100.8	28.9
Unionville Library	15 Library Lane	Markham	L3R 5C4	1267.2	Library	241209.3	868.3	3213.4	339	Not Available	Not Available	1207.3	1948.4	0.95	1.54	2092.9	1.65	1313.7	1.04	23.8	18.8
Thornhill Village Library	10 Colborne St	Thornhill	L3T 1Z6	397.9	Library	32391.6	116.6	935.6	98.7	Not Available	Not Available	215.3	318	0.54	0.8	348	0.87	237.8	0.6	5.9	14.8
McKay House	197 MAIN ST	Markham	L3R 9W3	289.5	Museum	7130.7	25.7	1314.2	138.7	Not Available	Not Available	164.3	193.9	0.57	0.67	215.8	0.75	185.3	0.64	7.2	24.8
Varley Art Gallery	216 Main st	Unionville	L3R 2H1	2322.6	Museum	334784.9	1205.2	19084.9	2013.6	Not Available	Not Available	3218.7	4339.9	1.39	1.87	4389.7	1.89	3265.8	1.41	110.6	47.6
Markham Village BIA	132 ROBINSON ST	Markham	L3P 5H5	58.5	Office	3878.5	14	532.2	56.2	Not Available	Not Available	70.1	85.1	1.2	1.45	95	1.62	79.6	1.36	2.9	50.1
Community & Fire Services Administration	8100 WARDEN AVE	Markham	L3R 8H7	7862.1	Office	851436.6	3065	3858.7	407.1	1238.4	1701.4	6411.9	8657.4	0.82	1.1	8893.6	1.13	6568.1	0.84	267.3	34
Old Unionville Library Commuity Centre	221 Main Street	Unionville	L3P 1Y6	313	Social/Meeting Hall	4980.9	17.9	1620.6	171	Not Available	Not Available	188.9	214.1	0.6	0.68	241	0.77	214.3	0.68	8.7	27.9
Unionville Train Station Community Centre	7 STATION LANE	Markham	L3R 1R4	184.4	Social/Meeting Hall	3578.8	12.9	2375	250.6	Not Available	Not Available	263.5	289.2	1.43	1.57	326.2	1.77	298.3	1.62	12.7	68.9
Warden House	8840 Warden Avenue	Markham	L3R 0K3	492	Social/Meeting Hall	17377	62.6	Not Available	Not Available	Not Available	Not Available	62.6	114.5	0.13	0.23	129.2	0.26	70.6	0.14	0.5	1
Milliken Mills Soccer Dome & Clubhouse	7700 Kennedy Rd	Markham	L3R 9S5	3101.3	Other - Stadium	239119.8	860.8	18434.6	1945	Not Available	Not Available	2805.8	3636.9	0.9	1.17	3970.5	1.28	3120.4	1.01	104.5	33.7
St. Robert's Soccer Dome	8101 LESLIE-ST	Markham	L3T 7P4	2726.8	Stadium (Closed)	1096.2	3.9	38982	4112.8	Not Available	Not Available	4116.8	4366.8	1.51	1.6	5156	1.89	4861.3	1.78	206.8	75.8
Markham Civic Centre	101 Town Centre Blvd	Markham	L3R 9W3	14485.2	Office	1980599.5	7129.9	0	0	4401.7	2555.6	14087.2	20358.7	0.97	1.41	22105.8	1.53	15133.8	1.04	603.8	41.7
Centennial Community Centre	8600 McCowan Rd	Markham	L3P 3M2	13192.2	Social/Meeting Hall	2746989.2	9888.8	98881.1	10432.5	Not Available	Not Available	20321.3	29154.9	1.54	2.21	29429.7	2.23	20607	1.56	601.4	45.6
Thornhill Community Centre	7755 Bayview Ave	Markham	L3T 4P1	15620.6	Social/Meeting Hall	3024827.2	10888.9	60965.7	6432.2	Not Available	Not Available	17321.2	26744.9	1.11	1.71	27580.5	1.77	18143.1	1.16	408.1	26.1
Crosby Community Centre/Arena	210 Main St	Unionville	L3R 2G9	3185.9	Social/Meeting Hall	602750.8	2169.8	12607.5	1330.2	Not Available	Not Available	3500	5380.7	1.1	1.69	5557.8	1.74	3667.1	1.15	83.8	26.3
Milliken Mills Community Centre	7600 Kennedy Rd	Markham	L3R 9S5	9609.7	Social/Meeting Hall	1500093.9	5400.1	100099.9	10561.1	Not Available	Not Available	15961.2	21077	1.66	2.19	22007.6	2.29	16839.2	1.75	573	59.6
Angus Glen Tennis Centre	3970 Major Mackenzie Dr E	Markham	L6P 1P8	2828.9	Other - Stadium	Not Available	Not Available	8964.4	945.8	Not Available	Not Available	945.8	1002.5	0.32	0.34	1219.3	0.41	1150.3	0.39	47.6	16
Pinale House	4022 Major Mackenzie Drive	Markham	L6P 1P8	408.8	Social/Meeting Hall	Not Available	Not Available	804.2	84.8	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Markham Village Community	6041 Highway 7	Markham	L3P 3A7	4013.8	Social/Meeting Hall	485209.5	1746.7	14468.8	1526.5	Not Available	Not Available	3273.2	4814.6	0.82	1.2	5057.9	1.26	3502.8	0.87	90.3	22.5
Mount Joy Community Centre/Arena	6140 16th Ave	Markham	L3P 3K8	5671.2	Social/Meeting Hall	884577	3184.3	16951	1788.4	Not Available	Not Available	4972.8	7723.1	0.88	1.36	8170	1.44	5310.4	0.94	114.7	20.2
Rouge River Community Centre	120 Rouge Bank Dr	Markham	L3S 4B7	1886.1	Social/Meeting Hall	213763.1	769.5	14928.7	1575.1	Not Available	Not Available	2344.6	3077.8	1.24	1.63	3252	1.72	2508.9	1.33	85.2	45.2
R.J. Clatworthy Arena	2400 John St	Markham	L3T 6G6	3092.2	Ice/Curling Rink	480442.9	1729.5	9737.8	1027.4	Not Available	Not Available	2756.9	4254.1	0.89	1.38	4388.9	1.42	2884.1	0.93	65.1	21.1
Markham Museum	9350 HIGHWAY 48	Markham	L3P 3J3	6318.2	Museum	568586	2046.8	21813.4	2301.4	Not Available	Not Available	4348.3	6185.2	0.69	0.98	6617.5	1.05	4706.2	0.74	131.6	20.8
Buttonville Women's Institute Community	8931 Woodbine Avenue	Unionville	L3R 0J9	498	Social/Meeting Hall	6599.6	23.8	2108.5	222.5	Not Available	Not Available	246.2	279.3	0.49	0.56	314.7	0.63	279.7	0.56	11.4	22.8
Milne Parks Yard Shop	8251 MCCOWAN RD Milne Park	Markham	L3P 3J3	119.9	Repair Services (Vehicle, Shoe,	675.6	2.4	Not Available	Not Available	Not Available	Not Available	2.4	4.5	0.02	0.04	4.5	0.04	2.4	0.02	0	0.2
Parks Department Maintenance Building	4415 14th Avenue, Milliken	Markham	L3R 0J2	674.4	Repair Services (Vehicle, Shoe,	54265.3	195.3	11550.9	1218.7	Not Available	Not Available	1414	1649.3	2.1	2.45	1649.3	2.45	1414	2.1	62.8	93.1
Princess Street Parks Shop	6 Princess Street, Markham	Markham	L3P 1K3	89.2	Repair Services (Vehicle, Shoe,	44108.3	158.8	Not Available	Not Available	Not Available	Not Available	158.8	290.6	1.78	3.26	329.1	3.69	179.8	2.02	1.2	13.8
West Parks Yard Shop	428 John Street	Markham	L3T 1Z1	252.6	Repair Services (Vehicle, Shoe,	32562.6	117.2	1526.1	161	Not Available	Not Available	278.2	385.2	1.1	1.52	422	1.67	307.3	1.22	9	35.7
Armadale Community Centre	2401 DENISON ST	Markham	L3S 1G3	2188.5	Social/Meeting Hall	245956.1	885.4	13967.5	1473.6	Not Available	Not Available	2359.1	3182.4	1.08	1.45	3372.7	1.54	2543.1	1.16	81	37
Cornell Comunity Centre	3201 Bur Oak Avenue	Markham	L6B 0T2	14266.2	Other - Recreation	3518071.3	12664.5	Not Available	Not Available	11528.5	9000.7	33193.7	43639.4	2.33	3.06	43846.7	3.07	32968.5	2.31	1696.1	118.9
Flato Performing Arts Theatre	171 TOWN CENTRE BLVD	Markham	L3R 8G5	2805.7	Performing Arts	355296.9	1279	1390.3	146.7	Not Available	Not Available	1425.7	2496.1	0.51	0.89	2496.1	0.89	1425.7	0.51	17.3	6.2
Pan Am Community Centre	16 Main St Unionville	Markham	L3R 2E4	13656.8	Social/Meeting Hall	2719525.8	9789.9	189.2	20	16511	11869.5	38190.3	46661.8	2.8	3.42	47420.5	3.47	38382.9	2.81	2293.7	168
Aanlin Community Centre	5665 14TH AVE	Markham	L3S 3K5	11334.2	Other - Recreation	1838856	6619.6	87092.8	9188.8	Not Available	Not Available	15808.4	21854	1.39	1.93	22235.7	1.96	16168.5	1.43	513.5	45.3
Angus Glen Community Centre/Arena	3990 MAJOR MACKENZIE DR	markham	L6C 1P8	16630.3	Ice/Curling Rink	1433834.1	5161.6	341279.1	36006.9	Not Available	Not Available	41168.4	47613	2.48	2.86	47613	2.86	41168.4	2.48	1850.5	111.3
Fleet Maintenance Works Yard- Main	555 Miller Avenue	Markham	L6G 1B2	3066	Repair Services (Vehicle, Shoe,	434645.7	1564.7	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available