

City of Markham Ontario Regulation 507/18 Energy Consumption and Greenhouse Gas Emissions Report for 2021

Reporting Year: Jan 2021 - Dec 2021

Property Name	Address 1	City	Postal Code	Property GRA - Self Reported (m²)	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/m²)	Source EUI (GJ/m²)	Weather Normalized Site Energy Use (GJ)	Weather Normalized Source Energy Use (GJ)	Weather Normalized Site EUI (GJ/m²)	Weather Normalized Source EUI (GJ/m²)	Total (Location-Based) GHG Emissions (Metric Tons CO2e)	Total (Location-Based) GHG Emissions Intensity (kgCO2e/m²)
Analin Community Centre	5665 14TH AVE	Markham	L3S 3K5	11334.2	Other - Recreation	1222524.3	4400.9	82077.4	8659.6	Not Available	Not Available	13060.5	17372	1.15	1.53	13707.3	18025.2	1.21	1.59	470.8	41.5
Angus Glen Community Centre/Arena	3990 MAJOR MACKENZIE DR	Markham	L6C 1P8	16630.3	Ice/Curling Rink	3222795.6	11601.6	120330.6	12695.6	Not Available	Not Available	24297.1	35561.6	1.46	2.14	25166	36439.2	1.51	2.19	731.8	44
Angus Glen Tennis Centre	1970 Major Mackenzie Dr E	Markham	L6P 1P8	2828.9	Other - Stadium	Not Available	Not Available	8752.2	923.4	Not Available	Not Available	923.4	932.6	0.31	0.31	1102.1	1113.2	0.37	0.38	46.4	15.7
Armada Community Centre	2401 DENISON ST	Markham	L3S 1G3	2188.5	Social/Meeting Hall	104908.3	377.7	15988	1686.8	Not Available	Not Available	2064.5	2443.9	0.94	1.12	2262.4	2643.8	1.03	1.21	87.9	40.1
Buttonville Women's Institute Community Centre	8931 Woodbine Avenue	Unionville	L3R 0J9	498	Social/Meeting Hall	6890.7	24.8	2137.5	225.5	Not Available	Not Available	250.3	276.4	0.5	0.56	279.3	305.8	0.56	0.61	11.5	23.2
Centennial Community Centre	8600 McCowan Rd	Markham	L3P 3M2	13192.2	Social/Meeting Hall	1542789.7	5553.8	123028.8	12980.2	Not Available	Not Available	18534	23995.5	1.4	1.82	19178.2	24646.1	1.45	1.87	697.3	52.9
Community & Fire Services Administration	8100 WARDEN AVE	Markham	L3R 8H7	7862.1	Office	744672.3	2680.7	7994.7	843.5	1307.5	1380.2	6212	8631.8	0.79	1.1	6449.1	8954	0.82	1.14	270.4	34.4
Council Community Centre	3201 Bur Oak Avenue	Markham	L6B 0T2	14266.2	Other - Recreation	1791669.9	6449.7	Not Available	Not Available	6250.1	4299.6	16999.4	23404.9	1.19	1.64	16715.2	23525.9	1.17	1.65	877.5	61.5
Crosby Community Centre/Arena	210 Main St	Unionville	L3R 2G9	3185.9	Social/Meeting Hall	275576.7	992	14582.5	1538.5	Not Available	Not Available	2530.6	3498.3	0.79	1.1	2695.2	3664.6	0.85	1.15	85.3	26.8
Fire Station #91	7801 Bayview Avenue	Thornhill	L3T 7N1	775.6	Fire Station	117692.8	423.7	6744	711.5	Not Available	Not Available	1135.2	1549	1.46	2	1223.1	1637.8	1.58	2.11	39.2	50.5
Fire Station #92	10 Riviera Dr	Markham	L3R 5M1	1431.5	Fire Station	244415.8	879.9	12482.7	1317	Not Available	Not Available	2196.9	3054.7	1.53	2.13	2344.1	3203.4	1.64	2.24	73.3	51.2
Fire Station #93	2930 MAJOR MACKENZIE DR E	Markham	L6C 0J1	1006.5	Fire Station	160337.1	577.2	673.7	71.1	Not Available	Not Available	648.3	1203.1	0.64	1.2	657.8	1221.9	0.65	1.21	8.2	8.2
Fire Station #94	7300 Birchmount	Markham	L3R 3T1	563.5	Fire Station	100270.5	361	6012.4	634.3	Not Available	Not Available	995.3	1348.2	1.5	2.03	1075.8	1425.7	1.62	2.15	34.8	52.4
Fire Station #95	316 Main Street	Unionville	L3R 2H2	1100.5	Fire Station	138077	497.1	10820.5	1141.6	Not Available	Not Available	1638.7	2127.3	1.49	1.93	1761.1	2244.4	1.6	2.04	61.4	55.8
Fire Station #96	5567 14th Avenue, Milliken	Markham	L3S 3K5	829.9	Fire Station	90104.6	324.4	6552.2	691.3	Not Available	Not Available	1015.7	1334	1.22	1.61	1099.7	1418.8	1.33	1.71	37.4	45
Fire Station #97	209 Main Street, Markham	Markham	L3P 1Y4	712.5	Fire Station	66823.5	240.6	7597.7	801.6	Not Available	Not Available	1042.2	1281.1	1.46	1.8	1124.2	1364	1.58	1.91	42.2	59.3
Fire Station #98	650 Bur Oak Avenue, Markham	Markham	L6E 1C 3	873.3	Fire Station	138841.7	499.8	9457.9	997.9	Not Available	Not Available	1497.7	1987.5	1.71	2.28	1616.1	2107	1.85	2.41	54.2	62.1
Fire Station #99	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	1006.5	Fire Station	89777.3	323.2	140.2	14.8	725.4	293	1356.4	1780.2	1.35	1.77	Not Available	Not Available	Not Available	Not Available	69	68.5
Flato Performing Arts Theatre	171 TOWN CENTRE BLVD	Markham	L3R 8G5	2805.7	Performing Arts	255344	919.2	612.2	64.6	Not Available	Not Available	983.8	1866.9	0.35	0.67	983.8	1866.9	0.35	0.67	10.7	3.8
Fleet Maintenance Works Yard- Main	555 Miller Avenue	Markham	L6G 1B2	3066	Repair Services (Vehicle, Shoe, Locksmith, etc.)	429469.3	1546	Not Available	Not Available	Not Available	Not Available	1546	3030.2	0.5	0.99	1566	3069.4	0.51	1	12.5	4.1
John Street Fire Training Centre	438 John Street	Thornhill	L3T 1Z1	513.8	Fire Station	60619.1	218.2	4129.1	435.6	Not Available	Not Available	653.9	867.7	1.27	1.69	712.8	938.5	1.39	1.83	23.7	46
Markham Civic Centre	101 Town Centre Blvd	Markham	L3R 9W3	14485.2	Office	1825393.8	6571.1	751.4	79.3	4162.3	2414.5	13227.3	19871.7	0.91	1.37	13750.9	21030	0.95	1.45	575.3	39.7
Markham Museum	9350 HIGHWAY 48	Markham	L3P 3J3	6318.2	Museum	564288.8	2031.4	28687.6	3026.7	Not Available	Not Available	5058.1	7038.4	0.8	1.11	5263.2	7245.6	0.83	1.15	168.5	26.7
Markham Village BIA	132 ROBINSON ST	Markham	L3P 5H5	58.5	Office	4893.3	17.6	517.4	54.6	Not Available	Not Available	72.2	89.7	1.23	1.53	78.8	96.3	1.35	1.65	2.9	49.3
Markham Village Community	6041 Highway 7	Markham	L3P 3A7	4013.8	Social/Meeting Hall	73562.4	264.8	12709.8	1341	Not Available	Not Available	1605.8	1873.4	0.4	0.47	1745.7	2014.8	0.43	0.5	69.6	17.3
Markham Village Library	6031 Highway 7	Markham	L3P 3A7	3493.2	Library	472533	1701	16054.3	1693.8	Not Available	Not Available	3394.9	5044.8	0.97	1.44	3594.9	5246.8	1.03	1.5	98.9	28.3
McKay House	197 MAIN ST	Markham	L3R 9W3	289.5	Museum	7411.2	26.7	1160.3	122.4	Not Available	Not Available	149.1	175.9	0.52	0.61	164.2	191.2	0.57	0.66	6.4	22
Milliken Mills Community Centre	7605 Kennedy Rd	Markham	L3R 9S5	9609.7	Social/Meeting Hall	58049.6	2088.1	44855.4	4732	Not Available	Not Available	6820.1	8871.9	0.71	0.92	7391.1	9448.7	0.77	0.98	254.7	26.5
Milliken Mills Soccer Dome & Clubhouse	7700 Kennedy Rd	Markham	L3R 9S5	3101.3	Other - Stadium	237605.2	855.3	20929.4	2208.2	Not Available	Not Available	3063.5	3906.7	0.99	1.26	3306.8	4152.4	1.07	1.34	117.9	38
Milne Parks Yard Shop	8251 MCCOWAN RD	Markham	L3P 3J3	119.9	Repair Services (Vehicle, Shoe, Locksmith, etc.)	1427.9	5.1	Not Available	Not Available	Not Available	Not Available	5.1	10.1	0.04	0.08	5	9.8	0.04	0.08	0	0.3
Mount Joy Community Centre/Arena	6140 16th Ave	Markham	L3P 3K8	5671.2	Social/Meeting Hall	619614.7	2230.5	17556.1	1852.3	Not Available	Not Available	4082.8	6242.6	0.72	1.1	4273.1	6434.9	0.75	1.13	111.1	19.6
Old Unionville Library Community Centre	221 Main Street	Unionville	L3P 1Y6	313	Social/Meeting Hall	2110.9	7.6	1560.7	164.7	Not Available	Not Available	172.3	181.2	0.55	0.58	191.1	200.2	0.61	0.64	8.3	26.6
Pan Am Community Centre	16 Main St Unionville	Markham	L3R 2E4	13656.8	Social/Meeting Hall	2148639.8	7734.8	44.4	4.7	14811.1	8924	31474.5	39950.3	2.3	2.93	32077.8	40959.5	2.35	3	1930.2	141.3
Parks Department Maintenance Building	4415 14th Avenue, Milliken	Markham	L3R 0J2	674.4	Repair Services (Vehicle, Shoe, Locksmith, etc.)	68773.1	247.6	15256.5	1609.6	Not Available	Not Available	1857.2	2111	2.75	3.13	1857.2	2111	2.75	3.13	82.9	123
Pingle House	4022 Major Mackenzie Drive	Markham	L6P 1P8	408.8	Social/Meeting Hall	Not Available	Not Available	744.3	78.5	Not Available	Not Available	78.5	79.3	0.19	0.19	94.4	95.3	0.23	0.23	3.9	9.7
Princess Street Parks Shop	6 Princess Street, Markham	Markham	L3P 1K3	89.2	Repair Services (Vehicle, Shoe, Locksmith, etc.)	43559.5	156.8	Not Available	Not Available	Not Available	Not Available	156.8	307.3	1.76	3.45	172.3	337.8	1.93	3.79	1.3	14.2
R.J. Clatworthy Arena	2400 John St	Markham	L3T 6G6	3092.2	Ice/Curling Rink	344384.7	1239.7	8835.8	932.2	Not Available	Not Available	2172	3371.4	0.7	1.09	2269.4	3469.8	0.73	1.12	56.9	18.4
Rouge River Community Centre	120 Rouge Bank Dr	Markham	L3S 4B7	1886.1	Social/Meeting Hall	224311.5	807.5	15831	1670.3	Not Available	Not Available	2477.8	3269.6	1.31	1.73	2575.9	3368.8	1.37	1.79	90.5	48
St. Robert's Soccer Dome	8101 LESLIE-ST	Markham	L3T 7P4	2726.8	Stadium (Closed)	897	3.2	29083.9	3068.5	Not Available	Not Available	3071.7	3105.5	1.13	1.14	3528.9	3567.3	1.29	1.31	154.3	56.6
Thornhill Community Centre	7755 Bayview Ave	Markham	L3T 4P1	15620.6	Social/Meeting Hall	1754092.5	6314.5	91285.7	9631.2	Not Available	Not Available	15945.6	22103.8	1.02	1.42	16489.5	22653.2	1.06	1.45	535.1	34.3
Thornhill Village Library	10 Colborne St	Thornhill	L3T 1Z6	397.9	Library	32878.4	118.4	1102.2	116.3	Not Available	Not Available	234.6	349.4	0.59	0.88	247.4	362.4	0.62	0.91	6.8	17.1
Unionville Library	15 Library Lane	Markham	L3R 5C4	1267.2	Library	211741.5	762.2	5010.6	528.6	Not Available	Not Available	1290.9	2027.9	1.02	1.6	1354.7	2092.3	1.07	1.65	32.7	25.8
Unionville Train Station Community Centre	7 STATION LANE	Markham	L3R 1R4	184.4	Social/Meeting Hall	4311.4	15.5	2466.7	260.2	Not Available	Not Available	27.8	293.3	1.5	1.59	307.1	325.8	1.67	1.77	13.2	71.6
Varley Art Gallery	216 Main st	Unionville	L3R 2H1	2322.6	Museum	300295.6	1081	21301.9	2247.5	Not Available	Not Available	3328.5	4388.7	1.43	1.89	3383.1	4443.9	1.46	1.91	121.7	52.4
Warden House	8840 Warden Avenue	Markham	L3R 0K3	492	Social/Meeting Hall	13407.8	48.3	Not Available	Not Available	Not Available	Not Available	48.3	94.6	0.1	0.19	48.3	94.6	0.1	0.19	0.4	0.8
West Parks Yard Shop	428 John Street	Markham	L3T 1Z1	252.6	Repair Services (Vehicle, Shoe, Locksmith, etc.)	30099.1	108.4	1846	194.8	Not Available	Not Available	303.1	409.1	1.2	1.62	329.2	440.5	1.3	1.74	10.7	42.2