

*GREEN ENERGY ACT, 2009*

ENERGY CONSUMPTION AND  
GREENHOUSE GAS EMISSIONS TEMPLATE

CITY OF THUNDER BAY

June 24, 2016

In 2009 the Ministry of Energy and Infrastructure enacted the *Green Energy Act* to help public agencies including municipalities, hospitals, and schools manage and reduce their energy consumption. As part of this Act, Regulation 397/11 requires certain public agencies – municipalities, municipal service boards, school boards, universities, colleges and hospitals – to report on their annual energy consumption and greenhouse gas emissions beginning in 2013. The regulation also requires the development and implementation of conservation and demand management (CDM) plans starting in 2014.

Conservation and the wise use of energy is a key component of the *Green Energy Act, 2009* and this regulation will help Ontario achieve its Greenhouse Gas emissions reduction targets:

Six per cent below 1990 levels by 2014

15 per cent by 2020 and

80 per cent by 2050.

These targets were set out in *Go Green: Ontario's Action Plan*, which was issued in 2007 and can be found at <http://www.ene.gov.on.ca>.

O. Reg 397/11 outlines the operations for which the municipality is required to report on its energy use and greenhouse gas emissions and prepare CDM plans. The list of prescribed operations for which the municipality must report are:

- Administrative offices and related facilities including municipal council chambers
- Public libraries
- Cultural facilities, indoor recreational facilities and community centres, including art galleries, performing arts facilities, auditoriums, indoor sports arenas, indoor ice rinks, indoor swimming pools, gyms and indoor courts for playing tennis, basketballs or other sports
- Ambulance stations and associated offices and facilities
- Fire stations and associated offices and facilities
- Police stations and associated offices and facilities
- Storage facilities where equipment or vehicles are maintained, repaired or stored
- Buildings/facilities or facilities related to the treatment or pumping of water or sewage
- Parking garages

Starting in 2015 (2013 data), municipalities were not required to report the energy use and flow rates for facilities and pumps related to the pumping of water and sewage.

The prescribed operations must also be conducted in a building/facility that the municipality owns or leases, and the municipality must be issued and be responsible for paying the utility invoice.

The City of Thunder Bay facilities and energy consumption portfolio also includes other operations that were not included in the prescribed list of required reporting. Facilities and operations that were not included are:

- Outdoor pools and operations
- Homes for the Aged
- Tourism facilities and signage
- Animal Services facilities
- Commercial facilities
- Seasonal parks
- Waterfront facilities
- Conservatory
- Cemeteries
- Golf facilities and operations
- Daycares
- Stadiums
- Parking lot lighting
- Streetlighting
- Flashing lights and traffic control lighting
- Other outdoor lighting

As a result, the greenhouse gas emission reported through O. Reg 397/11 is not inclusive of all the operations and facilities within the City of Thunder Bay's energy consumption portfolio.

For more information on the City of Thunder Bay's energy consumption, the Green Energy Act reporting template and energy management initiatives within City operations, please contact Vanessa DeGiacomo-Zwarsch at 684-2510 or email at [vdegiacomozwarsch@thunderbay.ca](mailto:vdegiacomozwarsch@thunderbay.ca).

Energy Consumption and Greenhouse Gas Emissions Reporting - for 2014																
Confirm consecutive 12-mth period (mth-yr to mth-yr)	Jan/2014 - Dec/2014															
Sector	Municipality															
Agency Sub-sector	Municipal															
Organization Name	City of Thunder Bay															
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)			Comments
									Electricity		Natural Gas		GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	
									Quantity	Unit	Quantity	Unit				
Stephenson Building	Administrative offices and related facilities, including municipal council chambers	2160 Yonge Street	Toronto	M7A 2G5	135,034.00	Square meters	70	23516.00224	2,181,065.00000	kWh	125,300.00000	Cubic meter				max. 255 characters
101 S Syndicate (POA)	Administrative offices and related facilities, including municipal council chambers	101 S Syndicate Ave	Thunder Bay	P7E 1C5	4,200.00	Square feet	60	0.00000	74,887.31000	kWh			2,996.31616	17.83031	0.00000	
125 S Syndicate Ave (CIT)	Administrative offices and related facilities, including municipal council chambers	125 Syndicate Ave S	Thunder Bay	P7E 6H8	9,709.00	Square feet	60	0.00000	119,803.99000	kWh			4,793.47744	12.33948	0.00000	
55+ Centre	Indoor recreational facilities	700 River St	Thunder Bay	P7A 3S6	22,500.00	Square feet	76	0.00000	313,832.29000	kWh	27,605.91000	Cubic Meter	64,749.22256	26.98763	0.00000	Based on hours of operations
Archives	Administrative offices and related facilities, including municipal council chambers	235 Vickers St N	Thunder Bay	P7C 6A4	22,000.00	Square feet	60	0.00000	155,996.22000	kWh	35,318.64000	Cubic Meter	73,015.93915	24.15249	0.00000	
Armstrong EMS 43	Ambulance stations and associated offices and facilities	6 Northern Dr	Armstrong	P0T 1A0	1,600.00	Square feet	168	0.00000	8,226.72000	kWh			329.15929	5.14170	0.00000	
Armstrong EMS 46	Ambulance stations and associated offices and facilities	4 Northern Dr	Armstrong	P0T 1A0	1,600.00	Square feet	168	0.00000	10,573.02000	kWh			423.03710	6.60814	0.00000	
Armstrong EMS	Ambulance stations and associated offices and facilities	65 Queen Street, PO Box 6	Armstrong	P0T 1A0	2,995.00	Square feet	168	0.00000	21,165.34000	kWh			846.84642	7.06689	0.00000	
Arthur St EMS	Ambulance stations and associated offices and facilities	1543 Arthur St	Thunder Bay	P7E 5N5	2,500.00	Square feet	168	0.00000	23,355.00000	kWh	16,271.04000	Cubic Meter	31,696.92445	78.51199	0.00000	
Balmoral Police Station	Police stations and associated offices and facilities	1200 Balmoral St	Thunder Bay	P7B 5Z5	65,500.00	Square feet	168	0.00000	1,490,883.57000	kWh	126,321.37000	Cubic Meter	298,478.33532	43.25800	0.00000	
Beardmore EMS	Ambulance stations and associated offices and facilities	133 Main St	Beardmore	P0T 1G0	2,423.00	Square feet	84	0.00000	20,646.64000	kWh			826.09271	8.52111	0.00000	
Beck St EMS	Ambulance stations and associated offices and facilities	181 Beck St	Thunder Bay	P7A 2J7	2,888.00	Square feet	168	0.00000	11,714.00000	kWh	6,288.44000	Cubic Meter	12,357.78331	27.19742	0.00000	
Brodie St Library	Public libraries	216 Brodie St S	Thunder Bay	P7E 1C2	23,232.00	Square feet	62	0.00000	264,405.68000	kWh	44,374.45000	Cubic Meter	94,474.66894	31.68076	0.00000	Based on hours of operations
Brown Street Fire Station	Fire stations and associated offices and facilities	1321 Brown St	Thunder Bay	P7E 2M4	3,972.00	Square feet	168	0.00000	41,336.00000	kWh	8,950.76000	Cubic Meter	18,576.44322	34.35616	0.00000	
Canada Games Complex	Indoor swimming pools	420 Winnipeg Ave	Thunder Bay	P7B 6B7	113,022.00	Square feet	92	0.00000	2,047,273.02000	kWh	581,202.68000	Cubic Meter	1,180,750.92008	72.76606	0.00000	Based on hours of operations
Churchill Pool	Indoor swimming pools	130 Churchill Dr W	Thunder Bay	P7C 1V5	11,015.00	Square feet	92	0.00000	97,344.63000	kWh	75,854.19000	Cubic Meter	147,306.83567	82.02506	0.00000	Closed for construction July - Dec 2014
City Hall	Administrative offices and related facilities, including municipal council chambers	500 Donald St E	Thunder Bay	P7E 5V3	43,500.00	Square feet	65	0.00000	717,638.93000	kWh	90,474.25000	Cubic Meter	199,766.51108	38.60182	0.00000	
Conmee EMS	Ambulance stations and associated offices and facilities	Fire #5750 Hwy 11/17	Conmee	P0T 1W0	3,000.00	Square feet	84	0.00000	8,680.12000	kWh			347.30028	2.89337	0.00000	
County Park #16	Public libraries	1020 Dawson Rd	Thunder Bay	P7B 1K6	4,000.00	Square feet	40	0.00000	9,938.57000	kWh			397.65212	2.48464	0.00000	Based on hours of operations
County Park #17	Public libraries	1020 Dawson Rd	Thunder Bay	P7B 1K6	4,000.00	Square feet	40	0.00000	30,874.10000	kWh			1,235.30362	7.71853	0.00000	Based on hours of operations
Current River Arena	Indoor ice rinks	425 Grenville Ave	Thunder Bay	P7A 2B9	26,310.00	Square feet	126	0.00000	668,481.08000	kWh	72,246.07000	Cubic Meter	163,336.96708	54.59127	0.00000	Summer ice -ice plant ran continuously all year to maintain ice quality

Current River Community Centre	Community centres	450 Dewe Ave	Thunder Bay	P7A 2G7	8,000.00	Square feet	33	0.00000	167,120.27000	kWh	11,278.85000	Cubic Meter	28,010.74746	35.87367	0.00000	Office Hours M-F 9amto3pm one time rentals not included in hours of operations
Delaney Arena	Indoor ice rinks	300 Legion Track Dr/200 Hyde Park Av	Thunder Bay	P7E 1Y2	35,100.00	Square feet	126	0.00000	837,200.00000	kWh	124,274.32000	Cubic Meter	268,453.59400	61.48034	0.00000	April to October ice plant runs continuously to maintain ice quality
Fort William Gardens	Indoor ice rinks	901 Miles St E	Thunder Bay	P7C 1J9	66,814.00	Square feet	126	0.00000	1,372,969.41000	kWh	234,978.67000	Cubic Meter	499,190.89699	57.92604	0.00000	April to October ice plant runs continuously to maintain ice quality
Front and Egan Administration Building and Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	155 Front St	Thunder Bay	P7A 2P3	39,010.00	Square feet	60	0.00000	261,275.99000	kWh	154,125.23000	Cubic Meter	301,847.23486	48.68712	0.00000	
Front and Egan AfterHours& Stores & Washbay	Storage facilities where equipment or vehicles are maintained, repaired or stored	155 Front St	Thunder Bay	P7A 2P3	4,000.00	Square feet	168	0.00000	49,756.61000	kWh	16,853.49000	Cubic Meter	33,854.47496	57.21794	0.00000	
Geraldton EMS	Ambulance stations and associated offices and facilities	815 Main St, Box 1350	Geraldton	P0T 1M0	3,961.00	Square feet	140	0.00000	34,201.96000	kWh	7,850.43000	Cubic Meter	16,210.68954	29.69820	0.00000	
Grandview Arena	Indoor ice rinks	300 Madeline St	Thunder Bay	P7A 5Y9	23,310.00	Square feet	126	0.00000	285,146.82000	kWh	51,907.78000	Cubic Meter	109,547.25979	35.89923	0.00000	April to October ice plant runs continuously to maintain ice quality
Greenstone EMS (Longlac)	Ambulance stations and associated offices and facilities	105 Skinner Ave, PO Box 640	Longlac	P0T 2A0	3,280.00	Square feet	84	0.00000	24,131.60000	kWh	10,043.67000	Cubic Meter	19,954.36313	39.90045	0.00000	
Hodder Avenue Fire Station	Fire stations and associated offices and facilities	300 Hodder Ave	Thunder Bay	P7A 1T3	3,000.00	Square feet	168	0.00000	19,438.00000	kWh	11,156.67000	Cubic Meter	21,870.83535	46.00287	0.00000	
Human Resources	Administrative offices and related facilities, including municipal council chambers	141 May St S	Thunder Bay	P7E 1A9	9,400.00	Square feet	60	0.00000	302,655.53000	kWh			12,109.55041	32.19740	0.00000	
Jackpine Community Centre	Community centres	260 Jackpine Rd	Thunder Bay	P7G 1P6	4,400.00	Square feet	2	0.00000	11,004.00000	kWh	10,519.47000	Cubic Meter	20,328.67505	27.90968	0.00000	no office hours - one time rentals not included in hours of operations
James Street Fire Station	Fire stations and associated offices and facilities	501 Churchill Dr W	Thunder Bay	P7C 1W2	5,600.00	Square feet	168	0.00000	47,340.00000	kWh	12,515.56000	Cubic Meter	25,556.37640	32.20582	0.00000	expansion to facility - addition of EMS station
John Jumbo Community Centre	Community centres	330 Toivo St	Thunder Bay	P7B 6K8	2,878.00	Square feet	10	0.00000	5,949.37000	kWh	2,578.92000	Cubic Meter	5,113.81603	11.59053	0.00000	no office hours - one time rentals not included in hours of operations
Junot Ave EMS	Ambulance stations and associated offices and facilities	105 Junot St S	Thunder Bay	P7B 4X6	38,000.00	Square feet	168	0.00000	408,164.87000	kWh	66,676.73000	Cubic Meter	142,391.91062	29.38922	0.00000	
Junot Avenue Fire Station	Fire stations and associated offices and facilities	20 Junot Ave N	Thunder Bay	P7A 7L1	3,600.00	Square feet	168	0.00000	54,601.75000	kWh	13,586.80000	Cubic Meter	27,872.24154	55.27756	0.00000	
Manitouwadge EMS	Ambulance stations and associated offices and facilities	1 Paramedic Lane, PO Box 548	Manitouwadge	P0T 2C0	5,300.00	Square feet	84	0.00000	92,859.13000	kWh			3,715.38665	17.52059	0.00000	
Mapleward Fire Station	Fire stations and associated offices and facilities	3000 Government Rd	Thunder Bay	P7G 1V5	4,130.00	Square feet	168	0.00000	48,880.00000	kWh	6,323.67000	Cubic Meter	13,911.43892	28.10812	0.00000	
Mapleward Solid Waste and Recycling Bomag Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	5405 Mapleward Rd	Thunder Bay	P7G 1R8	1,750.00	Square feet	61	0.00000	18,005.99000	kWh			720.43767	10.28914	0.00000	main also feeds out to power 3 transtor units
Mapleward Solid Waste and Recycling Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	5405 Mapleward Rd	Thunder Bay	P7G 1R8	17,510.00	Square feet	61	0.00000	319,244.95000	kWh	44,945.11000	Cubic Meter	97,747.74818	45.51180	0.00000	main also feeds out to power 3 transtor units
Mapleward Solid Waste& Recycling Admin Building/Kios	Administrative offices and related facilities, including municipal council chambers	5405 Mapleward Rd	Thunder Bay	P7G 1R8	5,140.00	Square feet	61	0.00000	95,358.88000	kWh	13,425.16000	Cubic Meter	29,197.37412	46.31099	0.00000	main also feeds out to power 3 transtor units
Marathon EMS	Ambulance stations and associated offices and facilities	26 Peninsula Rd, PO Box 459	Marathon	P0T 2E0	3,078.00	Square feet	84	0.00000	19,820.09000	kWh			793.02162	6.43928	0.00000	
Mary J L Black Library (new)	Public libraries	901 Edward St S	Thunder Bay	P7E 6R2	9,440.00	Square feet	41	0.00000	121,106.00000	kWh	15,069.41000	Cubic Meter	33,336.20559	29.79453	0.00000	based on hours of operations
Mountdale - InOps	Storage facilities where equipment or vehicles are maintained, repaired or stored	410 Mountdale Ave	Thunder Bay	P7E 6G8	26,900.00	Square feet	60	0.00000	167,121.06000	kWh	125,134.87000	Cubic Meter	243,270.04460	55.65154	0.00000	
Mountdale - Parks/Mechanics	Storage facilities where equipment or vehicles are maintained, repaired or stored	410 Mountdale Ave	Thunder Bay	P7E 6G8	14,400.00	Square feet	60	0.00000	199,515.48000	kWh	43,677.06000	Cubic Meter	90,559.84279	46.09066	0.00000	

Mountdale Administration Building	Administrative offices and related facilities, including municipal council chambers	410 Mountdale Ave	Thunder Bay	P7E 6G8	10,760.00	Square feet	60	0.00000	125,103.20000	kWh	24,106.02000	Cubic Meter	50,580.99641	35.43649	0.00000	
Nakina EMS	Ambulance stations and associated offices and facilities	204-B Thornton St, Box 429	Nakina	P0T 2H0	2,100.00	Square feet	84	0.00000	25,731.02000	kWh			1,029.52384	12.25287	0.00000	
Neebing Arena	Indoor ice rinks	1715 Bowker Rd	Thunder Bay	P7K 1L4	25,000.00	Square feet	126	0.00000	280,130.55000	kWh	55,753.33000	Cubic Meter	116,617.05447	34.90658	0.00000	April to October ice plant runs continuously to maintain ice quality
Neebing Fire Station (North Neebing Community Centre)	Fire stations and associated offices and facilities	2145 Rosslyn Rd	Thunder Bay	P7K 1H6	3,490.00	Square feet	168	0.00000	47,056.99000	kWh	5,659.02000	Cubic Meter	12,581.89323	30.71627	0.00000	Community centre facility acting as fire station while North Neebing Fire Station constructed
Neebing Fire Station	Fire stations and associated offices and facilities	2065 - 20th Side Rd	Thunder Bay	P7K 1H6	5,150.00	Square feet	168	0.00000	21,348.41000	kWh	4,960.56000	Cubic Meter	10,232.73990	14.38216	0.00000	New facility - opened in October 2014
Nipigon EMS	Ambulance stations and associated offices and facilities	125 HOGAN RD, UNIT R	Nipigon	P0T 2J0	2,080.00	Square feet	84	0.00000			6,279.67000	Cubic Meter	11,872.51365	32.08603	0.00000	
North Central Fire Station	Fire stations and associated offices and facilities	60 Water St S	Thunder Bay	P7B 6E8	24,711.00	Square feet	168	0.00000	281,984.36000	kWh	36,369.75000	Cubic Meter	80,044.10756	27.05329	0.00000	
North End Community Centre	Community centres	954 Huron Ave	Thunder Bay	P7A 6L4	4,916.00	Square feet	10	0.00000	59,920.00000	kWh	16,807.52000	Cubic Meter	34,174.21024	48.52453	0.00000	no office hours - one time rentals not included in hours of operations
North McIntyre Community Centre	Community centres	2051 Government Rd	Thunder Bay	P7G 2E9	10,200.00	Square feet	15	0.00000	51,200.00000	kWh	16,532.22000	Cubic Meter	33,304.82470	22.24517	0.00000	Office hours M-F 9am to 12pm one time rentals not included
Oliver Road Community Centre	Community centres	563 Oliver Rd	Thunder Bay	P7B 2H2	9,644.00	Square feet	35	0.00000	55,319.99000	kWh	12,625.49000	Cubic Meter	26,083.50040	19.64961	0.00000	Office hours M-F 9am to 1pm one time rentals not included
Parks North Admin/Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	645 Cumberland St N	Thunder Bay	P7A 4S2	19,273.00	Square feet	60	0.00000	67,679.98000	kWh	40,230.25000	Cubic Meter	78,768.34055	25.69595	0.00000	
Port Arthur Arena	Indoor ice rinks	420 Lisgar St	Thunder Bay	P7B 6T4	30,087.00	Square feet	126	0.00000	648,947.51000	kWh	115,883.83000	Cubic Meter	245,058.13668	62.50324	0.00000	April to October ice plant runs continuously to maintain ice quality
Red Rock EMS - Frost St	Ambulance stations and associated offices and facilities	30 Frost St	Red Rock	P0T 2P0	700.00	Square feet	84	0.00000	10,226.15000	kWh			409.15849	14.60879	0.00000	
Red Rock EMS	Ambulance stations and associated offices and facilities	4 Taylor St, Box 217	Red Rock	P0T 2P0	1,638.00	Square feet	84	0.00000	15,791.87000	kWh	3,639.59000	Cubic Meter	7,512.95563	33.25557	0.00000	
Shuniah EMS	Ambulance stations and associated offices and facilities	1700A Lakeshore Dr	Shuniah	P7A 0T1	4,750.00	Square feet	84	0.00000	30,887.98000	kWh			1,235.85897	6.50273	0.00000	
South Neebing Community Centre	Community centres	1841 Mountain Rd	Thunder Bay	P7J 1A8	6,960.00	Square feet	10	0.00000	29,504.00000	kWh	7,680.24000	Cubic Meter	15,700.95365	15.96665	0.00000	no office hours - one time rentals not included
Terrace Bay EMS	Ambulance stations and associated offices and facilities	20 Cartier Dr, Box 400	Terrace Bay	P0T 2W0	2,790.00	Square feet	84	0.00000	52,501.42000	kWh			2,100.63432	18.81771	0.00000	
Thunder Bay Community Auditorium	Auditoriums	1 Paul Shaffer Dr	Thunder Bay	P7B 6C7	60,000.00	Square feet	90	0.00000	753,359.43000	kWh	80,961.81000	Cubic Meter	183,211.24811	26.89672	0.00000	Hours of operations vary depending on number of events - approx 140 events per year - hours depend on type of show - range from 9:30am to 1am or 24 hours a day. Box office is opened 9:30 to 5:30 Tues to Sat
Thunder Bay Training Centre	Fire stations and associated offices and facilities	750 Hammond Ave	Thunder Bay	P7B 6T5	13,717.00	Square feet	40	0.00000	80,851.25000	kWh	12,155.11000	Cubic Meter	26,215.71852	15.31188	0.00000	Based on hours of operations
Traffic Control & Streetlighting Admin/Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	625 Cumberland St N	Thunder Bay	P7A 4S2	10,552.00	Square feet	60	0.00000	44,280.00000	kWh	19,813.94000	Cubic Meter	39,232.45702	24.15259	0.00000	
Transit Administration/Garage	Administrative offices and related facilities, including municipal council chambers	570 Fort William Rd	Thunder Bay	P7B 2Z8	91,247.00	Square feet	140	0.00000	791,836.36000	kWh	209,858.52000	Cubic Meter	428,446.34869	33.12072	0.00000	
Upsala EMS	Ambulance stations and associated offices and facilities	20 North Rd	Upsala	P0T 2Y0	1,982.00	Square feet	84	0.00000	56,310.61000	kWh			2,253.04382	28.41100	0.00000	
Vale Community Centre	Community centres	420 Vale Ave	Thunder Bay	P7C 5E7	6,528.00	Square feet	40	0.00000	33,680.00000	kWh	12,367.93000	Cubic Meter	24,730.71287	25.29467	0.00000	no office hours - one time rentals not included - youth programming operating in facility
Vickers Heights Community Centre	Community centres	1695 Broadway Ave	Thunder Bay	P7K 1M6	3,760.00	Square feet	10	0.00000	27,426.00000	kWh	8,728.17000	Cubic Meter	17,599.05555	31.96464	0.00000	no office hours - one time rentals not included

Vickers Street Fire Station	Fire stations and associated offices and facilities	330 Vickers St N	Thunder Bay	P7C 4B2	13,000.00	Square feet	168	0.00000	142,080.52000	kWh	53,954.34000	Cubic Meter	107,692.31566	55.03809	0.00000	
Victoriaville Civic Centre	Administrative offices and related facilities, including municipal council chambers	111 Syndicate Ave S	Thunder Bay	P7E 6S4	39,000.00	Square feet	60	0.00000	582,288.76000	kWh	8,358.90000	Cubic Meter	39,101.51761	17.20834	0.00000	
Volunteer Pool Community Centre	Community centres	180 Martha St	Thunder Bay	P7A 8C1	6,624.00	Square feet	5	0.00000	41,686.78000	kWh	8,533.01000	Cubic Meter	17,800.66885	19.98395	0.00000	no office hours - one time rentals not included
Volunteer Pool	Indoor swimming pools	180 Martha St	Thunder Bay	P7A 8C1	21,000.00	Square feet	84.5	0.00000	375,181.00000	kWh	76,797.12000	Cubic Meter	160,206.07559	56.73160	0.00000	based on hours of operations
Waterfront Parkade	Parking garages	18 Court St N	Thunder Bay	P7C 5K4	3,000.00	Square feet	40	0.00000	4,221.12000	kWh	3,445.41000	Cubic Meter	6,682.87640	13.61272	0.00000	
Waterfront/Pool 6	Administrative offices and related facilities, including municipal council chambers	53 Water Street S	Thunder Bay	P7B 6E8	8,525.00	Square feet	60	0.00000	112,693.14000	kWh	33,258.10000	Cubic Meter	67,387.62705	54.68068	0.00000	
Waverly St Library	Public libraries	285 Red River Rd	Thunder Bay	P7B 1A9	23,300.00	Square feet	58	0.00000	354,924.84000	kWh	44,646.81000	Cubic Meter	98,611.36222	35.59748	0.00000	based on hours of operations
West Arthur Community Centre	Community centres	1914 Arthur St W	Thunder Bay	P7K 1C7	8,184.00	Square feet	15	0.00000	73,439.99000	kWh	9,779.52000	Cubic Meter	21,427.83200	21.67333	0.00000	
West Thunder Community Centre	Community centres	915 Edward St S	Thunder Bay	P7E 6R2	14,456.00	Square feet	40	0.00000	196,708.24000	kWh	27,943.52000	Cubic Meter	60,701.26678	34.15092	0.00000	Office hours M-F 9am to 3pm. One time rentals not included
Whalen Building	Administrative offices and related facilities, including municipal council chambers	34 N. Cumberland	Thunder Bay	P7A 4L3	80,000.00	Square feet	60	0.00000	1,157,627.88000	kWh	47,158.82000	Cubic Meter	135,477.58749	20.73527	0.00000	
WPCP - Atlantic Ave	Facilities related to the treatment of sewage	901 Atlantic Ave	Thunder Bay	P7E 2T2	117,631.00	Square feet	168	29644.00000	12,244,428.00000	kWh	1,089,063.34000	Cubic Meter	2,548,924.36402	202.48702	803.49313	
WTP - Bare Point	Facilities related to the treatment of water	RR#13 Bare Point Rd	Thunder Bay	P7A 8C6	67,339.00	Square feet	168	13907.00000	6,780,330.00000	kWh	545,540.01000	Cubic Meter	1,302,700.45612	186.78934	904.45154	