



GREEN ENERGY ACT, 2009
ENERGY CONSUMPTION AND
GREENHOUSE GAS EMISSIONS TEMPLATE
CITY OF THUNDER BAY
July 1, 2014

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 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

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
- Street lighting
- 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.

Contact: 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 Michelle Labate at 684-2510 or email at mlabate@thunderbay.ca.

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/wk	Electricity		Natural Gas		GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Comments
								Quantity	Unit	Quantity	Unit			
City Hall	Administrative offices and related facilities, including municipal council chambers	500 Donald St E	Thunder Bay	P7E 5V3	43500	Square feet	40	727615.0	kWh	94782.6	Cubic Meter	249078.7251	39.8838	
Human Resources	Administrative offices and related facilities, including municipal council chambers	141 May St S	Thunder Bay	P7E 1A9	9400	Square feet	40	266267.4	kWh	0.0	Cubic Meter	25572.3211	28.3263	
Archives	Administrative offices and related facilities, including municipal council chambers	235 Vickers St N	Thunder Bay	P7C 6A4	22000	Square feet	40	135613.5	kWh	29060.2	Cubic Meter	67966.3949	20.2027	

Victoriaville Civic Centre	Administrative offices and related facilities, including municipal council chambers	111 Syndicate Ave S	Thunder Bay	P7E 6S4	39000	Square feet	40	738240.0	kWh	4998.1	Cubic Meter	80350.0179	20.2912	
101 S Syndicate (POA)	Administrative offices and related facilities, including municipal council chambers	101 S Syndicate Ave	Thunder Bay	P7E 1C5	4200	Square feet	40	72099.8	kWh	81.3	Cubic Meter	7078.2333	17.3724	Natural gas meter removed June 5, 2012.
125 S Syndicate Ave (CIT)	Administrative offices and related facilities, including municipal council chambers	125 Syndicate Ave S	Thunder Bay	P7E 6H8	9709	Square feet	40	111185.9	kWh	0.0	Cubic Meter	10678.2938	11.4518	

Waterfront/Pool 6	Administrative offices and related facilities, including municipal council chambers	53 Water Street S	Thunder Bay	P7B 6E8	8525	Square feet	40	115007.8	kWh	21902.9	Cubic Meter	52455.5065	40.7961	
Mountdale Administration Building	Administrative offices and related facilities, including municipal council chambers	410 Mountdale Ave	Thunder Bay	P7E 6G8	10760	Square feet	40	125645.8	kWh	18382.4	Cubic Meter	46821.3033	29.8336	
Front St Administration Building	Administrative offices and related facilities, including municipal council chambers	155 Front St	Thunder Bay	P7A 2P3	13334	Square feet	40	91395.2	kWh	38067.0	Cubic Meter	80748.0203	37.1953	

Parks North	Administrative offices and related facilities, including municipal council chambers	645 Cumberland St N	Thunder Bay	P7A 4S2	1387	Square feet	40	5064.5	kWh	1933.6	Cubic Meter	4142.1866	18.4678	
Traffic Control and Street lighting	Administrative offices and related facilities, including municipal council chambers	625 Cumberland St N	Thunder Bay	P7A 4S2	4727	Square feet	40	19404.5	kWh	6215.3	Cubic Meter	13614.4109	18.0790	
Transit Administration	Administrative offices and related facilities, including municipal council chambers	570 Fort William Rd	Thunder Bay	P7B 2Z8	12681	Square feet	140	107603.4	kWh	18825.6	Cubic Meter	45926.3426	24.2629	

Mapleward Solid Waste & Recycling Admin Building/Kiosk	Administrative offices and related facilities, including municipal council chambers	5405 Mapleward Rd	Thunder Bay	P7G 1R8	5140	Square feet	61	82627.9	kWh	37835.0	Cubic Meter	79467.5336	94.3055	Main feed also out to power 3 transfer units
Brodie St Library	Public libraries	216 Brodie St S	Thunder Bay	P7E 1C2	23232	Square feet	62	260737.8	kWh	27796.5	Cubic Meter	77594.1473	23.9391	Hours of operations
Waverly St Library	Public libraries	285 Red River Rd	Thunder Bay	P7B 1A9	23300	Square feet	58	411383.3	kWh	40354.5	Cubic Meter	115804.5594	36.0627	Hours of operations
Mary J L Black Library (new)	Public libraries	901 Edward St S	Thunder Bay	P7E 6R2	9440	Square feet	41	115777.9	kWh	10575.1	Cubic Meter	31112.8980	24.1703	Hours of operations
Mary J L Black Library (old)	Public libraries	151 Brock St W	Thunder Bay	P7E 4H9	9224	Square feet	41	6069.4	kWh	5409.3	Cubic Meter	10809.8898	6.8905	Operations continued until September of 2012 in this facility

County Park #16	Public libraries	1020 Dawson Rd	Thunder Bay	P7B 1K6	4000	Square feet	40	11763.8	kWh	0.0	Cubic Meter	1129.7925	2.9409	Hours of operations
County Park #17	Public libraries	1020 Dawson Rd	Thunder Bay	P7B 1K6	4000	Square feet	40	29492.3	kWh	0.0	Cubic Meter	2832.4395	7.3731	Hours of operations
Current River Community Centre	Community centres	450 Dewe Ave	Thunder Bay	P7A 2G7	8000	Square feet	33	143898.2	kWh	13860.3	Cubic Meter	40024.5460	36.4002	Office hours 9am to 3pm Monday to Friday - One time rentals are not included in hours of operations
Jackpine Community Centre	Community centres	260 Jackpine Rd	Thunder Bay	P7G 1P6	4400	Square feet	2	11301.3	kWh	9291.8	Cubic Meter	18652.6244	25.0118	No office hours - One time rentals not included in hours of operations
John Jumbo Community Centre	Community centres	330 Toivo St	Thunder Bay	P7B 6K8	2878	Square feet	5	9828.3	kWh	2221.9	Cubic Meter	5144.7697	11.6201	No office hours - One time rentals not included in hours of operations

North End Community Centre	Community centres	954 Huron Ave	Thunder Bay	P7A 6L4	4916	Square feet	3	54624.9	kWh	12086.1	Cubic Meter	28096.5202	37.2403	No office hours - One time rentals not included in hours of operations
North McIntyre	Community centres	2051 Government Rd	Thunder Bay	P7G 2E9	10200	Square feet	13	62797.0	kWh	12564.6	Cubic Meter	29786.0507	19.2481	Office hours 8am to 11am Tuesday to Thursday - One time rentals not included in hours of operations
North Neebing Community Centre	Community centres	2145 Rosslyn Rd	Thunder Bay	P7K 1H6	3490	Square feet	3	19755.6	kWh	3974.6	Cubic Meter	9411.7591	17.7640	No office hours - One time rentals not included in hours of operations
Oliver Road Community Centre	Community centres	563 Oliver Rd	Thunder Bay	P7B 2H2	9644	Square feet	24	80678.6	kWh	10177.2	Cubic Meter	26989.5664	19.5810	Office hours 9am to 1pm - One time rentals not included in hours of operations
South Neebing Community Centre	Community centres	1841 Mountain Rd	Thunder Bay	P7J 1A8	6960	Square feet	6.3	28622.9	kWh	5391.4	Cubic Meter	12942.1047	12.3451	No office hours - One time rentals not included in hours of operations

Vale Community Centre	Community centres	420 Vale Ave	Thunder Bay	P7C 5E7	6528	Square feet	40	32572.3	kWh	8135.5	Cubic Meter	18509.3820	18.2344	Office hours Monday to Friday 8:30am to 4:30pm - One time rentals no included in hours of operations
Vickers Heights Community Centre	Community centres	1695 Broadway Ave	Thunder Bay	P7K 1M6	3760	Square feet	4	27758.5	kWh	7268.6	Cubic Meter	16408.2086	27.9276	No office hours - One time rentals not included in hours of operations
Volunteer Pool Community Centre	Community centres	180 Martha St	Thunder Bay	P7A 8C1	6624	Square feet	5	35389.5	kWh	7867.7	Cubic Meter	18273.7106	17.9658	No office hours - One time rentals not included in hours of operations
West Arthur Community Centre	Community centres	1914 Arthur St W	Thunder Bay	P7K 1C7	8184	Square feet	15	70098.5	kWh	8805.6	Cubic Meter	23380.3413	20.0003	Office hours 10am to 2pm Tuesday- Wednesday, 3pm to 7pm Thursday - One time rentals not included

West Thunder Community Centre	Community centres	915 Edward St S	Thunder Bay	P7E 6R2	14456	Square feet	36	238500.7	kWh	23297.2	Cubic Meter	66951.8848	33.6260	Office hours 9am to 3pm Monday to Thursday - One time rentals not included
Thunder Bay Community Auditorium	Auditoriums	1 Paul Shaffer Dr	Thunder Bay	P7B 6C7	60000	Square feet	88	683841.0	kWh	71537.7	Cubic Meter	200927.2535	24.0688	Hours vary depending on events held - 140 events per year - Hours depend on type of show - Could range anywhere from 9:30am to 1am or 24 hours a day - The box office is open from 9:30am to 5:30pm Tuesday-Saturday
Current River Arena	Indoor ice rinks	425 Grenville Ave	Thunder Bay	P7A 2B9	26310	Square feet	126	575593.0	kWh	62613.6	Cubic Meter	173658.9523	47.1698	April - October - Ice plant runs continuous to maintain ice quality even if not 75% occupied

Delaney Arena	Indoor ice rinks	300 Legion Track Dr/200 Hyde Park Ave	Thunder Bay	P7E 1Y2	35100	Square feet	126	830222.6	kWh	108838.8	Cubic Meter	285508.1524	56.6079	April - October - Ice plant runs continuous to maintain ice quality even if not 75% occupied
Fort William Gardens	Indoor ice rinks	901 Miles St E	Thunder Bay	P7C 1J9	66814	Square feet	126	1352098.0	kWh	209435.1	Cubic Meter	525819.1467	53.5506	April to October - Ice plant runs continuous to maintain ice quality even if not 75% occupied
Grandview Arena	Indoor ice rinks	300 Madeline St	Thunder Bay	P7A 5Y9	23310	Square feet	126	307371.4	kWh	52464.2	Cubic Meter	128710.1445	37.1063	April - October - Ice plant runs continuous to maintain ice quality even if not 75% occupied
Neebing Arena	Indoor ice rinks	1715 Bowlker Rd	Thunder Bay	P7K 1L4	25000	Square feet	126	316298.4	kWh	54882.4	Cubic Meter	134139.4645	35.9831	April to October - Ice plant runs continuous to maintain ice quality even if not 75% occupied

Port Arthur Arena	Indoor ice rinks	420 Lisgar St	Thunder Bay	P7B 6T4	30087	Square feet	126	637605.0	kWh	98015.7	Cubic Meter	246546.6185	55.8146	Summer ice plus main ops September to April - Ice plant continuous to maintain ice quality even if not 75% occupied
Canada Games Complex	Indoor swimming pools	420 Winnipeg Ave	Thunder Bay	P7B 6B7	113022	Square feet	92	2145050.0	kWh	547932.4	Cubic Meter	1241946.3916	70.5027	Based on hours of operations
Churchill Pool	Indoor swimming pools	130 Churchill Dr W	Thunder Bay	P7C 1V5	11015	Square feet	92	93311.7	kWh	175597.0	Cubic Meter	340950.0831	177.8954	Based on hours of operations
Volunteer Pool	Indoor swimming pools	180 Martha St	Thunder Bay	P7A 8C1	21000	Square feet	84.5	318505.3	kWh	70809.4	Cubic Meter	164463.3747	51.0025	Based on hours of operations
EMS HQ	Ambulance stations and associated offices and facilities	401 Donald St	Thunder Bay	P7E 5V1	9100	Square feet	168	44779.7	kWh	9612.4	Cubic Meter	22474.1658	16.1471	

Arthur St EMS	Ambulance stations and associated offices and facilities	1543 Arthur St	Thunder Bay	P7E 5N5	2500	Square feet	168	24937.4	kWh	10427.4	Cubic Meter	22109.2561	54.3029	
Beardmore EMS	Ambulance stations and associated offices and facilities	133 Main St	Beardmore	P0T 1G0	2423	Square feet	84	19856.7	kWh	0.0	Cubic Meter	1907.0355	8.1951	
Beck St EMS	Ambulance stations and associated offices and facilities	181 Beck St	Thunder Bay	P7A 2J7	2888	Square feet	168	17943.2	kWh	4997.7	Cubic Meter	11172.0449	24.6044	
Conmee EMS	Ambulance stations and associated offices and facilities	Fire #5750 Hwy 11/17	Conmee	P0T 1W0	3000	Square feet	84	9329.5	kWh	0.0	Cubic Meter	896.0090	3.1098	
Geraldton EMS	Ambulance stations and associated offices and facilities	815 Main St, Box 1350	Geraldton	P0T 1M0	3961	Square feet	140	36570.5	kWh	7227.5	Cubic Meter	17176.7006	28.6247	
Greenstone EMS (Longlac)	Ambulance stations and associated offices and facilities	105 Skinner Ave, PO Box 640	Longlac	P0T 2A0	3280	Square feet	84	21003.0	kWh	8943.4	Cubic Meter	18925.7390	35.3815	

Manitouwadge EMS	Ambulance stations and associated offices and facilities	1 Paramedic Lane, PO Box 548	Manitouwadge	POT 2CO	5300	Square feet	84	98734.1	kWh	0.0	Cubic Meter	9482.4182	18.6291	
Marathon EMS	Ambulance stations and associated offices and facilities	26 Peninsula Rd, PO Box 459	Marathon	POT 2EO	3078	Square feet	84	17760.8	kWh	0.0	Cubic Meter	1705.7482	5.7702	
Nakina EMS	Ambulance stations and associated offices and facilities	204-B Thornton St, Box 429	Nakina	POT 2HO	2100	Square feet	84	20843.8	kWh	0.0	Cubic Meter	2001.8414	9.9256	
Nipigon EMS	Ambulance stations and associated offices and facilities	125 HOGAN RD, UNIT R	Nipigon	POT 2JO	2080	Square feet	84	0.0	kWh	4754.9	Cubic Meter	8989.8274	24.2954	
Red Rock EMS	Ambulance stations and associated offices and facilities	4 Taylor St, Box 217	Red Rock	POT 2PO	1638	Square feet	84	14037.2	kWh	3044.1	Cubic Meter	7103.4263	28.3208	
Roland St	Ambulance stations and associated offices and facilities	1118 Roland St	Thunder Bay	P7B 5M4	3500	Square feet	168	24950.9	kWh	6016.6	Cubic Meter	13771.4101	25.3983	Operations ran until August of 2012 in this facility and was then

														closed and transferred to another facility.
Shuniah EMS	Ambulance stations and associated offices and facilities	1700A Lakeshore Dr	Shuniah	P7A 0T1	4750	Square feet	84	25441.5	kWh	0.0	Cubic Meter	2443.3997	5.3561	
Terrace Bay EMS	Ambulance stations and associated offices and facilities	20 Cartier Dr, Box 400	Terrace Bay	POT 2W0	2790	Square feet	84	49495.5	kWh	0.0	Cubic Meter	4753.5488	17.7403	
Upsala EMS	Ambulance stations and associated offices and facilities	20 North Rd	Upsala	POT 2Y0	1982	Square feet	84	49644.1	kWh	0.0	Cubic Meter	4767.8146	25.0475	
Armstrong EMS	Ambulance stations and associated offices and facilities	65 Queen Street, PO Box 6	Armstrong	POT 1A0	2995	Square feet	168	21153.0	kWh	0.0	Cubic Meter	2031.5332	7.0628	
Brown Street Fire Station	Fire stations and associated offices and facilities	1321 Brown St	Thunder Bay	P7E 2M4	3972	Square feet	168	43014.6	kWh	8046.8	Cubic Meter	19344.5402	32.3600	

Hodder Avenue Fire Station	Fire stations and associated offices and facilities	300 Hodder Ave	Thunder Bay	P7A 1T3	3000	Square feet	168	20623.4	kWh	9388.7	Cubic Meter	19731.2720	40.1349	
James Street Fire Station	Fire stations and associated offices and facilities	501 Churchill Dr W	Thunder Bay	P7C 1W2	4000	Square feet	168	34167.9	kWh	8648.5	Cubic Meter	19632.5368	31.5205	
Junot Avenue Fire Station	Fire stations and associated offices and facilities	20 Junot Ave N	Thunder Bay	P7A 7L1	3600	Square feet	168	74688.9	kWh	9021.7	Cubic Meter	24229.7708	47.3804	
Mapleward Fire Station	Fire stations and associated offices and facilities	3000 Government Rd	Thunder Bay	P7G 1V5	4130	Square feet	168	43887.4	kWh	4889.0	Cubic Meter	13458.2743	23.2075	
Neebing Fire Station	Fire stations and associated offices and facilities	2065 - 20th Side Rd	Thunder Bay	P7K 1H6	2986	Square feet	168	11607.8	kWh	6860.1	Cubic Meter	14084.7780	28.3040	
Neebing Fire Station TEMP	Fire stations and associated offices and facilities	2065 - 20th Side Rd	Thunder Bay	P7K 1H6	400	Square feet	168	14473.4	kWh	0.0	Cubic Meter	1390.0292	36.1836	

North Central Fire Station	Fire stations and associated offices and facilities	60 Water St S	Thunder Bay	P7B 6E8	24711	Square feet	168	314661.2	kWh	29070.4	Cubic Meter	85181.3637	25.2363	
Vickers Street Fire Station	Fire stations and associated offices and facilities	330 Vickers St N	Thunder Bay	P7C 4B2	13000	Square feet	168	131880.3	kWh	35519.3	Cubic Meter	79819.5694	39.1824	
Balmoral Police Station	Police stations and associated offices and facilities	1200 Balmoral St	Thunder Bay	P7B 5Z5	65500	Square feet	168	1524197.0	kWh	115915.8	Cubic Meter	365537.4211	42.0782	
Mountdale - InOps	Storage facilities where equipment or vehicles are maintained, repaired or stored	410 Mountdale Ave	Thunder Bay	P7E 6G8	26900	Square feet	40	194936.5	kWh	129833.5	Cubic Meter	264188.4221	58.5419	
Mountdale - Parks/Mechanics	Storage facilities where equipment or vehicles are maintained, repaired or stored	410 Mountdale Ave	Thunder Bay	P7E 6G8	14400	Square feet	40	174328.5	kWh	29360.0	Cubic Meter	72251.3179	33.7750	

Front and Egan Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	155 Front St	Thunder Bay	P7A 2P3	25676	Square feet	40	268809.5	kWh	111961.6	Cubic Meter	237494.0883	56.8123	
Transit Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	570 Fort William Rd	Thunder Bay	P7B 2Z8	78566	Square feet	140	660992.6	kWh	115642.7	Cubic Meter	282118.9403	24.0564	
TCSL Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	625 Cumberland St N	Thunder Bay	P7A 4S2	5825	Square feet	40	23717.2	kWh	7596.5	Cubic Meter	16639.8884	17.9315	
Parks North	Storage facilities where equipment or vehicles are maintained, repaired or stored	645 Cumberland St N	Thunder Bay	P7A 4S2	17886	Square feet	40	67285.5	kWh	25689.8	Cubic Meter	55031.9129	19.0267	

Mapleward Solid Waste and Recycling Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	5405 Mapleward Rd	Thunder Bay	P7G 1R8	17510	Square feet	61	281481.5	kWh	0.0	Cubic Meter	27033.4833	16.0755	Main feed also out to power 3 transfer units
381 Current River Lift	Facilities related to the pumping of sewage	381 Rita St	Thunder Bay	P7A 2H8	0		168	6435.6	kWh	0.0	Cubic Meter	618.0721	0.0000	
2389 Sleeping Giant Parkway Pumping Station	Facilities related to the pumping of water	2389 Sleeping Giant Pkwy	Thunder Bay	P7C 5K4	0		168	12016.3	kWh	0.0	Cubic Meter	1154.0445	0.0000	Built in 2011, commissioned in 2012
1032 Memorial Ave - Storm Water Lift Stn	Facilities related to the pumping of water	1032 Memorial Ave - Harbourview EXP	Thunder Bay	P7B 4A4	0		168	22072.0	kWh	0.0	Cubic Meter	2119.7949	0.0000	Storm water - no flowing monitor
Central Ave Pump - Storm Water Lift Stn	Facilities related to the pumping of water	Crn of Central and Memorial	Thunder Bay	P7B 3Z7	0		168	23930.1	kWh	0.0	Cubic Meter	2298.2478	0.0000	Storm water - no flowing monitor

Ontario St Pump	Facilities related to the pumping of water	Ontario St	Thunder Bay	P7C 5K4	0	168	20182.0	kWh	0.0	Cubic Meter	1938.2812	0.0000	Storm water - no flowing monitor
529 High Street Pump	Facilities related to the pumping of water	529 High St	Thunder Bay	P7B 3M1	0	168	24860.3	kWh	0.0	Cubic Meter	2387.5861	0.0000	Storm water - no flowing monitor
Grenville Ave Dam	Facilities related to the pumping of water	Grenville Ave	Thunder Bay	P7C 5K4	0	168	39047.2	kWh	0.0	Cubic Meter	3750.0969	0.0000	
WPCP - Atlantic Ave	Facilities related to the treatment of sewage	901 Atlantic Ave	Thunder Bay	P7E 2T2	0	168	12892460.0	kWh	840460.1	Cubic Meter	2827188.4159	0.0000	
WTP - Bare Point	Facilities related to the treatment of water	RR#13 Bare Point Rd	Thunder Bay	P7A 8C6	0	168	6782561.0	kWh	198260.9	Cubic Meter	1026234.5690	0.0000	
Crn James and Victoria Pumping Station	Facilities related to the pumping of water	135 N James St	Thunder Bay	P7C 4T1	0	168	248938.0	kWh	0.0	Cubic Meter	23908.0055	0.0000	

McIntyre Reservoir	Facilities related to the pumping of water	1210 Dawson Rd	Thunder Bay	P7G 1H7	0	168	202581.3	kWh	0.0	Cubic Meter	19455.9081	0.0000	
868 Chamberlain St Pump	Facilities related to the pumping of water	868 Chamberlain St	Thunder Bay	P7A 3A2	0	168	618184.6	kWh	0.0	Cubic Meter	59370.4490	0.0000	
Broadway Pumping Station	Facilities related to the pumping of water	1265 Broadway Ave	Thunder Bay	P7K 1L8	0	168	107814.8	kWh	6179.1	Cubic Meter	22036.8500	0.0000	
20th Side Rd - Neebing Pumping Station	Facilities related to the pumping of water	511 20th Side Rd	Thunder Bay	P7K 1H6	0	168	66007.3	kWh	0.0	Cubic Meter	6339.3392	0.0000	
Hodder Ave PUC	Facilities related to the pumping of water	650 Hodder Ave	Thunder Bay	P7A 1W1	0	168	98642.2	kWh	0.0	Cubic Meter	9473.5950	0.0000	
Hodder Ave Stand	Facilities related to the pumping of water	650 Hodder Ave	Thunder Bay	P7A 1W1	0	168	12656.6	kWh	0.0	Cubic Meter	1215.5437	0.0000	No flow monitoring all flow goes through Hodder PUC

Hazelwood Reservoir	Facilities related to the pumping of water	169 Hazelwood Dr	Thunder Bay	P7G 1Y5	0		168	37951.8	kWh	0.0	Cubic Meter	3644.8938	0.0000	
Duke St Reservoir	Facilities related to the pumping of water	84 Duke St	Thunder Bay	P7A 4J5	0		168	89149.0	kWh	0.0	Cubic Meter	8561.8719	0.0000	
2070 Rockcliff	Facilities related to the pumping of water	2070 Rockcliff	Thunder Bay	P7C 5K4	0		168	26807.6	kWh	15254.4	Cubic Meter	31414.9077	0.0000	
711 William St Pumping Station	Facilities related to the pumping of water	711 William St	Thunder Bay	P7C 3X6	0		168	246638.1	kWh	0.0	Cubic Meter	23687.1231	0.0000	
Waterfront Parkade	Parking garages	18 Court St N	Thunder Bay	P7C 5K4	3000	Square feet	40	290485.9	kWh	2196.7	Cubic Meter	32051.4421	104.6107	
Mapleward Solid Waste and Recycling Bomag Building	Storage facilities where equipment or vehicles are maintained,	5405 Mapleward Rd	Thunder Bay	P7G 1R8	1750	Square feet	61	13922.6	kWh	0.0	Cubic Meter	1337.1275	7.9558	Main feed also out to power 3 transfer units

	repaired or stored													
55+ Centre	Indoor recreational facilities	700 River St	Thunder Bay	P7A 3S6	22500	Square feet	76	305646.5	kWh	23381.5	Cubic Meter	73560.0607	24.6285	Based on hours of operations
Whalen Building	Administrative offices and related facilities, including municipal council chambers	34 N. Cumberland	Thunder Bay	P7A 4L3	80000	Square feet	40	1099814.0	kWh	37628.8	Cubic Meter	176768.2185	18.7466	
Junot Ave EMS	Ambulance stations and associated offices and facilities	105 Junot St S	Thunder Bay	P7B 4X6	38000	Square feet	168	357825.7	kWh	17115.5	Cubic Meter	66724.6634	14.2033	Facility was built in 2011 and opened for use at the end of March 2012