

*GREEN ENERGY ACT, 2009*  
ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS TEMPLATE  
MUNICIPALITY OF OLIVER PAIPOONGE  
JULY 1, 2013

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, starting with reporting amounts from 2011. 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](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

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.

**Contact:** For more information on the Municipality of Oliver Paipoonge's energy consumption, the Green Energy Act reporting template and energy management initiatives within the Municipality's operations, please contact Karen Caren, Treasurer/Deputy CAO at 935-2613 ext. 2 or email at [karen.caren@oliverpaipoonge.on.ca](mailto:karen.caren@oliverpaipoonge.on.ca).



## Energy Consumption and Greenhouse Gas Emissions Report - for 2011

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area of the Indoor Space in which Operation is Conducted (square feet)	Avg # Hours Per Week	Annual Flow (Mega Litres)	Energy Type and Amount Purchased and Consumed in Natural Units			Total					Comments
								Electricity (kwh)	Natural Gas (cubic meter)	Propane (litres)	GHG Emissions (Kg)	Energy Intensity (ekWh/sq ft)	Energy Intensity (GJ/m2)	Energy Intensity (ekWh/Mega Litres)	Energy Intensity (ekWh /Mega Litres)	
Oliver Paipoonge Municipal Office	Administrative offices and related facilities, including municipal council chambers	4569 Oliver Road	Murillo	POT 2G0	4,799	42		136,020.957	12,307.25		36,603.91377	55.59901	2.154536649			
Murillo Community Hall	Community centres	4569 Oliver Road	Murillo	POT 2G0	4,799	8		34,004.990	2,724.54		8,484.93811	13.11957	.50840082			
Rosslin Community Hall	Community centres	3405 Rosslin Road	Murillo	POT 2G0	4,977	14		16,099.7358	10,669.70271		21,750.84612	26.01868	1.008258817			
Murillo Library	Public libraries	1 Baxendale Drive	Murillo	POT 2G0	1,291	24		6,357.7100	3,076.48		6,439.78604	30.25085	1.172261392			
Rosslin Library	Public libraries	3405 Rosslin Road	Rosslin	P7K 0P7	1,883	24		10,638.3942	7,050.33329		14,372.53864	45.44225	1.760948596			
Duke Hunt Historical Museum	Cultural facilities	3218 Rosslin Road	Rosslin	P7K 0T4	9,945	14		43,972.9500	29,530.914		60,143.05136	35.97998	1.394272794		Open 3.5 hours per day May 1st to August 30th.	
Public Works Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	5 Rubin Drive	Murillo	POT 2G0	4,400	40		23,106.5384	10,271.542		21,685.01966	30.06141	1.164920086			
NorWest Recreation Centre	Indoor ice rinks	40 Highway 588	Kakabeka Falls	P7K 0W4	33,906	56		363,194.35	40,605.762		112,377.92407	23.43961	.908316364			
Murillo Firehall	Fire stations and associated offices & facilities	63 Rubin Drive	Murillo	POT 2G0	4,170	27		13,002.12	6,255.511		13,101.56584	19.06098	.738638753		Volunteer fire department, with part-time office for Fire Chief.	

Slate River Firehall	Fire stations and associated offices and facilities	552 Candy Mountain Road	Slate River	P7J 0B8	2,399	1		2,534.54		6,114	9,688.40448	18.97430	.735279832		Volunteer fire department.
Rossllyn Firehall	Fire stations and associated offices and facilities	3436 Rossllyn Road	Rossllyn	P7J 0P7	4,463	2		4,353.88	8,812.239		17,087.51138	21.96020	.850987517		Volunteer fire department and meeting space.
Kakabeka Firehall	Fire stations and associated offices and facilities	24 Rupert Street	Kakabeka Falls	P0T 1W0	3,537	84		9,493.48	7,370.101		14,864.85272	24.82931	.962169238		For 6 months rented out for 24 hour ambulance usage.
Stanley Firehall	Fire stations and associated offices and facilities	44 Highway 588	Kakabeka Falls	P7K 0W4	2,359	1		2,702.47			264.95016	1.14560	.044393535		Natural gas furnace did not work. Used an electric space heater for heating.
Intola Firehall	Fire stations and associated offices and facilities	14 Kuusisto Road	Murillo	P7G 0T9	1,886	1		2,433.96		4,251	6,803.02781	17.13948	.664178132		Volunteer fire department.
Kakabeka Rink Shack	Indoor recreational facilities	28 Hill Street	Kakabeka Falls	P0T 1W0	1,119	7		6,098.56	2,944.76		6,165.34559	33.41806	1.294994987		Only used during winter months for outdoor skating rink.
Intola Rink Shack	Indoor recreational facilities	14 Kuusisto Road	Murillo	P7G 0T9	399	7		1,142.74			112.03423	2.86401	.110984241		Only used during winter months for outdoor skating rink.
Murillo Rink Shack	Indoor recreational facilities	4569 Oliver Road	Murillo	P0T 2G0	1,280	7		12,866.38			1,261.41990	10.05186	.389529073		Only used during winter months for outdoor skating rink.
Slate River Rink Shack	Indoor recreational facilities	570 Highway 130	Slate River	P7J 0H5	3,229	7				3,503	5,409.34794	7.62823	.295604137		Only used during winter months for outdoor skating rink.
Rossllyn Pump House	Facilities related to the pumping of water	125 Elm Street	Rossllyn	P7K 0L8	120	168	8215	21,442.58			2,102.23054	178.6881		.009396627	2.610174072
Paipoonge Museum	Cultural facilities	204 Highway 130	Rossllyn	P7K 0B7	7,499	0		28,314.6500	589.86		3,891.17353	4.61175	.178711812		Storage only. Museum moved to new location part way through year.
Public Works Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	5 Rubin Drive	Murillo	P0T 2G0	2,400	0		3,150.89160			308.91341	1.31287	.050875537		Hydro only in building - no heat. Storage only.