

*GREEN ENERGY ACT, 2009*  
ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS TEMPLATE  
MUNICIPALITY OF OLIVER PAIPOONGE  
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. This is the second reporting year with amounts from 2012. 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. 229 or email at [karen.caren@oliverpaipoonge.on.ca](mailto:karen.caren@oliverpaipoonge.on.ca).



## Municipality of Oliver Paipoonge Energy Consumption and Greenhouse Gas Emissions Reporting - for 2012

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area (sq. ft)	Avg hrs/wk	Annual Flow (Mega Litres)	Energy Type and Amount Purchased			Total			Comments
								Electricity	Natural Gas	Propane	GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	
								Quantity (kwh)	Quantity (cubic meter)	Quantity (litres)				
Oliver Paipoonge Municipal Office	Administrative offices and related facilities, including municipal council chambers	4569 Oliver Road	Murillo	P0T 2G0	4799	42	0	126859.1	8512.003	0	28276.57066	45.2850114	0	
Murillo Community Hall	Community centres	4569 Oliver Road	Murillo	P0T 2G0	4799	8	0	31714.78	2128.008	0	7069.156852	11.32126995	0	
Rosslyn Community Hall	Community centres	3405 Rosslyn Road	Rosslyn	P7K 0P7	4977	14	0	14372.74	6730.907	0	14105.99246	17.26086369	0	
Murillo Library	Public libraries	1 Baxendale Drive	Murillo	P0T 2G0	1291	24	0	5681.19	1882.366	0	4104.473471	19.89663523	0	
Rosslyn Library	Public libraries	3405 Rosslyn Road	Murillo	P0T 2G0	1883	24	0	9497.229	4447.653	0	9320.966722	30.14651793	0	
Duke Hunt Historical Musuem	Cultural facilities	3218 Rosslyn Road	Rosslyn	P7K 0T4	9945	14	0	29437.43	10300.77	0	22302.08466	13.96799562	0	Open to the public 4 hours per day, six days a week from May 1st to August 31st.

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								Quantity (kwh)	Quantity (cubic meter)	Quantity (litres)				
Public Works Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	5 Rubin Drive	Murillo	P0T2G0	4400	40	0	23106.54	8679.68	0	18629.18946	26.21641897	0	
NorWest Recreation Centre	Indoor ice rinks	40 Highway 588	Kakabeka Falls	P7K0W4	33906	56	0	350160	26802.19	0	84302.31047	18.72847574	0	
Murillo Firehall	Fire stations and associated offices and facilities	63 Rubin Drive	Murillo	P0T2G0	4170	27	0	11288.3	2877.372	0	6524.165524	10.04037601	0	Volunteer fire department with meeting space and office space for part-time Fire Chief 3 days per week.
Slate River Firehall	Fire stations and associated offices and facilities	552 Candy Mountain Road	Slate River	P7J0B8	2399	1	0	2641.97	0	2220.4	3675.335672	7.608426145	0	Volunteer fire department.
Rossllyn Firehall	Fire stations and associated offices and facilities	3436 Rossllyn Road	Rossllyn	P7J0P7	4463	2	0	6218.17	7748.713	0	15247.11906	19.84534255	0	Volunteer fire department and meeting space.
Kakabeka Firehall	Fire stations and associated offices and facilities	24 Rupert Street	Kakabeka Falls	P0T1W0	3537	2	0	10534.6	2588.512	0	5905.653661	10.75621382	0	Volunteer fire department and meeting space.
Stanley Firehall	Fire stations and associated offices and facilities	44 Highway 588	Kakabeka Falls	P7K0W4	2359	1	0	2293.54	3402.552	0	6653.228262	16.30144294	0	

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								Quantity (kwh)	Quantity (cubic meter)	Quantity (litres)				
Intola Firehall	Fire stations and associated offices and facilities	14 Kuusisto Road	Murillo	P7G 0T9	1886	1	0	1148.43	0	2654.1	4200.220852	10.50277096	0	Volunteer fire department.
Kakabeka Rink Shack	Indoor recreational facilities	28 Hill Street	Kakabeka Falls	P0T 1W0	1119	7	0	2385.41	892.066	0	1915.658842	10.60418992	0	Only used during winter months.
Intola Rink Shack	Indoor recreational facilities	14 Kuusisto Road	Murillo	P7G 0T9	399	7	0	2086.32	0	0	200.3701728	5.22887218	0	Only used during winter months.
Murillo Rink Shack	Indoor recreational facilities	4569 Oliver Road	Murillo	P0T 2G0	1280	7	0	11433.98	0	0	1098.119439	8.932796875	0	Only used during winter months.
Slate River Rink Shack	Indoor recreational facilities	570 Highway 130	Slate River	P7J 0H5	3229	7	0	0	0	2122.4	3270.584442	4.621136554	0	Only used during winter months.
Rossllyn Pump House	Facilities related to the pumping of water	125 Elm Street	Rossllyn	P7K 0L8	0	168	8680	18801.08	0	0	1805.655723	0	2.166023041	
Public Works Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	5 Rubin Drive	Murillo	P0T 2G0	2400	5	0	3150.892	1183.593	0	2540.34455	6.554106026	0	