

2014 - 2019



**5 Year Energy
Conservation and
Demand
Management**



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Goals

The goals of the Township of Pickle Lake are to improve the energy efficiency of the Township's facilities and to reduce both energy costs, and consumption.

Objectives

It is the objective of the Township of Pickle Lake to foster an atmosphere of conservation within the Corporation in order to:

- Reduce the consumption of electricity and fuel in its operations by an average of ½% per year.
- Strive to be an energy management leader with the Corporation and the Community.
- Implement sound and energy conscious operating and maintenance practices.

Summary of Energy Consumption

For the fiscal year ended December 31, 2012 the Township of Pickle Lake consumed in its municipal operations a total of 1,165,320 Kwh of hydroelectricity and 15,159 liters of heating fuel oil.

Renewable Energy

The Township of Pickle currently does not generate its own renewable energy.

Past Energy Initiatives

The Township of Pickle Lake has implemented the following energy saving initiatives:

- Save on Energy Lighting retrofits at all of the township owned buildings
- Furnace replacement at 55 and 57 Lakeview Crescent, the Pickle Lake Fire Hall and the Pickle Lake Community Hall.

Future Energy Initiatives

The Township of Pickle Lake would like to consider the following energy saving initiatives:

- Furnace replacement and air conditioning upgrade at the municipal office at 2 Anne Street.
- LED Street light upgrade for the entire township.
- Upgrade well pump motors to high efficiency motors. Well pump #1 in 2014 and Well pump #2 in 2015.

Energy Plan Review

Senior Management will review, update and revise Pickle Lake's energy plan on an annual basis.

Historical Energy Consumption - 2012

Operation Name	Address	Energy Type and Amount Purchased and Consumed in Natural Units			
		Electricity		Fuel Oil 1 & 2	
		Quantity	Unit	Quantity	Unit
Arena	35 Dickenson Drive	86,044.00000	kWh		Litre
Community Hall	14 Koval Street	84,304.00000	kWh	6,468.00000	Litre
Curling Club	33 Dickenson Drive	35645.00000	kWh	0.00000	Litre
Doctor Residence	17 Howell Street	29827.00000	kWh	0.00000	Litre
Fire Station	36 Dickenson Drive	36179.00000	kWh	3932.00000	Litre
Internet Building	Connecting Link	2783.00000	kWh	0.00000	Litre
Koval-Main Lift Station	0 Koval Street	21401.00000	kWh	0.00000	Litre
Lakeview Lift Station	21B Lakeview Cres.	11355.00000	kWh	0.00000	Litre
55 Lakeview	55 Lakeview Cres.	4240.00000	kWh	1929.00000	Litre
57 Lakeview	57 Lakeview Cres.	5138.00000	kWh	2830.00000	Litre
Lights	0 Koval Street	4884.00000	kWh	0.00000	Litre
Medical Clinic	4 Anne Street	115,118.00000	kWh	0.00000	Litre
Municipal Office	2 Anne Street	62691.00000	kWh	0.00000	Litre
Norcom	77049 Pickle Lk. St.	7693.00000	kWh	0.00000	Litre
Public Works Garage-Warehouse	2B Anne Street	32993.00000	kWh	0.00000	Litre
RV Park	R 3666 Conc. Lot 1	1342.00000	kWh	0.00000	Litre
TV Ontario	77189 Ponsford St.	2701.00000	kWh	0.00000	Litre
Wastewater Treatment Plant	0 Anne Street N.	474629.00000	kWh	0.00000	Litre
Water Treatment Plant	3 Trailer Pk. Loops	100530.00000	kWh	0.00000	Litre
Water Tower	0 Ohman Street	45823.00000	kWh	0.00000	Litre

Annual Compliance Reporting Requirements

COMPLIANCE ITEM	DUE DATE
Energy Consumption and GHG Emissions Template for Year 2011	July 1, 2013
Energy Consumption and GHG Emissions Template for Year 2012	July 1, 2014
Energy Conservation and Demand Management Plan (Initial)	July 1, 2014
Energy Consumption and GHG Emissions Template for Year 2013	July 1, 2015
Energy Consumption and GHG Emissions Template for Year 2014	July 1, 2016
Energy Consumption and GHG Emissions Template for Year 2015	July 1, 2017
Energy Consumption and GHG Emissions Template for Year 2016	July 1, 2018
Energy Consumption and GHG Emissions Template for Year 2017	July 1, 2019
A description of current and proposed measures for conserving and otherwise reducing energy consumption and managing its demand for energy	July 1, 2019 and by every fifth anniversary thereafter
A revised forecast of the expected results of the current and proposed measures	July 1, 2019 and by every fifth anniversary thereafter
A report of the actual results achieved	July 1, 2019 and by every fifth anniversary thereafter
A description of any proposed changes to be made to assist the public agency in reaching any targets it has established or forecasts it has made per O.Reg 397/11, s. 6(3).	July 1, 2019 and by every fifth anniversary thereafter