

**CORPORATION OF THE MUNICIPALITY OF CALVIN**

**2015 ANNUAL REPORT  
ENERGY CONSUMPTION  
and  
GREENHOUSE GAS EMISSIONS (GHG)**

Preamble


The Provincial Government has committed to help public agencies better understand and manage their energy consumption. As part of this commitment, Ontario Regulation 397/11 under the *Green Energy Act, 2009* requires certain public agencies—Municipalities, Municipal Service Boards, Schools Boards, Universities, Colleges and Hospitals—to report on their energy consumption and greenhouse gas (GHG) emissions annually beginning July 1, 2013, and to develop and implement five-year energy conservation and demand management (CDM ) plans starting in 2014. The Corporation of the Municipality of Calvin completed their 2014 – 2019 Five (5) year Energy Plan approved and adopted by Council on June 24, 2014. The Corporation of the Municipality of Calvin presents its figures for the **2015** energy reporting year as follows:

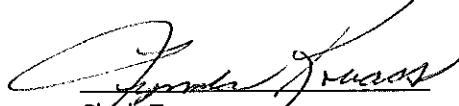
<u>Location</u>	Total Floor Area (sq.ft)	Avg # of Hours/Wk	Electricity (kw) Used	Fuel Oil 1 & 2 Used	Propane (litres) Used	Renewable ?	GHG Emission (Kg)	Energy Intensity (ekWh/sqft)
Calvin Fire Hall	3121.5	40	5128.01	3527.8		No	9854.26014	13.82343
Calvin Garage	2583.30	48	8282.60		16876.3	No	26337.50339	49.13574
Calvin Community Centre/Office	3752.30	40	19333.07	4420.60		No	12864.56608	17.84967

GHG Emissions - Reports the kilograms (kg) of equivalent carbon dioxide (CO 2) units of GHG emissions attributed to the energy purchased and consumed for each operation type reported. The GHG emission factors are based on Environment Canada’s National Inventory.

Energy Intensity - reports the equivalent kilowatt hours per square foot (ekWh/sq.ft) of each operation type reported. The Energy Intensity is calculated based on all of the energy purchased and consumed for each operation type reported relative to floor area.

Information Compiled during January – March 2017 by: Cindy Pigeau  
 Information Reviewed and Final Report Prepared during April 2017 by: Lynda Kovacs  
 Reviewed by Council

  
 Mayor

  
 Clerk-Treasurer