

**CORPORATION OF THE MUNICIPALITY OF CALVIN
2018 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 2018 – 2023 Five (5) year Energy Plan approved and adopted by Council on July 10, 2018. The Corporation of the Municipality of Calvin presents its figures for the **2018** 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	5656.71	2107.30		No	5930.93863	9.08817
Calvin Garage	2583.30	48	8593.57		12348.70	No	19283.07193	36.93407
Calvin Community Centre/Office	3752.30	40	26111.53		5621.40	No	9434.03095	17.49143


GHG Emissions - Reports the kilograms (kg) of equivalent carbon dioxide (CO₂) 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.

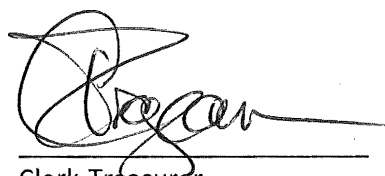
Information Compiled by: Lucie Viel

Information Reviewed and Final Report Prepared during June 2020 by: Cindy Pigeau

Reviewed by Council on this 23 day of June, 2020



Mayor



Clerk-Treasurer