

CORPORATION OF THE MUNICIPALITY OF MATTAWAN

CONSERVATION AND DEMAND MANAGEMENT PLAN

Background: Ontario Regulation 397/11 under the Green Energy Act 2009 requires all broader public sector (BPS) organizations to report on their energy consumption and greenhouse gas (GHG) emissions annually beginning in 2013 and to develop and implement energy Conservation and Demand Management (CDM) plans starting in 2014 and updating those plans every five years. This updated CDM plan was developed in compliance with the regulation and covers the period from 2025. The plan was approved by the Municipality of Mattawan's Council on June 11, 2026 by Resolution 2026-064.

The Municipality of Mattawan has one building to report these measures on. The Municipality's Municipal Hall/Council Chambers/Office/Community Centre is located at 947 Hwy 533 Mattawa Ontario and is 1245 sq. ft. The building is used for administrative purposes on average 30 hours weekly. Hard copies of this plan are located at the Municipal Office during regular office hours. There is a copy of the plan on the outside bulletin board, for those who wish to read the report during non-regular office hours, and the report has been posted to the Mattawan web page at www.mattawan.ca.

Baseline: 2011 usage – the Municipality of Mattawan reported using 8367 kWh of electricity and used 3034.2 litres of home heating oil for the winter heat. The Ministry converted this information to 9095.79 kg of GHG emissions and 32.98 ekwh/sqft. This is the baseline measure. Reported electrical usage for 2024 was 6707.06 kWh and for 2025 was 5677 kWh and propane usage for 2024 – 3641.50 litres and for 2025 – 3433.8 litres. We do not have the Ministry's converted information. So, based on the numbers we reported for 2025, we have used 2690 kWh less electricity than the year 2011, but we have increased our usage of propane by 399.60 litres than the year 2011. Based on these numbers, the difference between 2024 and 2025 is – electrical usage decreased by 1030.06 kWh and the difference between 2024 to 2025 the propane usage increased by 92.30 litres. The following chart shows the actual usage by the Municipality at the Municipal Office as recorded according to the invoices billed to us by the suppliers of the electricity and heating oil.

YEAR	HYDRO		HEATING OIL/PROPANE	
	kWh	\$ (Yearly)	Litres	\$ (Yearly)
2013	9100.90	1410.78	3397.42	4421.20
2014	6762.06	1697.13	4177.10	5617.53
2015	4951.14	1308.99	3770	4587.97
2016	4360.51	1346.02	3805.70	4097.93
2017	5005	1320.71	3279.60	3910.59
2018	4158	1195.01	3871.60	4952.73
2019	6251	1312.53	3738.50	4110.44
2020	6368	1432.24	5234.90	6535.14
2021	5586	1347.30	2385.90/1317.40	3089.47/1085.79
2022	7762	1690.68	3313.8	2468.98
2023	6147	1434.48	3452.8	3243.13
2024	6707.06	1567.30	3341.50	3330.65
2025	5677	1358.40	3433.8	3202.91

Goal: Achieving a 5% reduction in overall energy usage over the past 5 years of this plan. Although we have seen an slight increase in part of our overall energy usage, we did not achieve the goal of a 5% reduction. However, moving forward, we are still aiming for a 5% reduction in overall energy usage over the next 5 years. We will achieve this goal by:

- Having the furnace and air-conditioning unit maintained every year – has been done in 2026
- Keeping the thermostat at 20 degrees during the cooler months of the year.

Evaluation of Results: Results as posted to the Ministry of Energy (Broader Public Sector) BPS template – year over year comparison as reported with emissions and intensity calculated will be used to measure the success of measures taken.