

# Energy Conservation & Demand Management Plan

Corporation of the Township of Matachewan



2024

## Table of Contents

Introduction – Executive Summary.....	1
Background.....	3
Purpose of the Plan .....	3
Township of Matachewan Energy Baseline Analysis .....	4
Township-Wide Street Lighting.....	4
Township Helipad.....	5
Ongoing Ontario Regulation Reporting .....	5

## Introduction – Executive Summary

### Background

The Township of Matachewan Energy Conservation and Demand Management (CDM) Plan was developed in response to Ontario Regulation 507-18 which requires all public sector organizations to update or have a CDM Plan by July 1, 2024. In response to the regulatory requirement, as well as rising energy costs, the Township of Matachewan has developed this Energy Conservation Plan (CDM). This comprehensive plan is the most effective method of identifying energy conservation opportunities, selectively implementing the best projects and then measuring their effectiveness. The plan has been developed to protect the interests of our constituents and ensure that the Township of Matachewan obtains the best possible value from our operating budgets. In addition to meeting our regulatory obligations, the town believes that a strong commitment to energy conservation and a reduction of energy use is demonstrated evidence of our belief in becoming a more sustainable community while operating in a cost-effective manner that respects the value of taxpayer dollars.

### Purpose of the Plan

The 5-year Energy Conservation and Demand Management Plan is designed to guide the Township of Matachewan towards a more energy-efficient future. The policies, practices and energy conservation measures identified illustrate the importance the town places on acting responsibly towards energy consumption through the wise use of resources in town operations.

To enhance our understanding of energy use and return on investment through conservation, this document contains a thorough review of the measures implemented in this plan. The town has initiated several sustainable energy projects.

- Updating 10 street lights/year to LED lighting

The wise and efficient use of energy are two of the lowest cost options for meeting energy demands. They also provide many other environmental, economic and social benefits, including reducing greenhouse gas (GHG) emissions, cost avoidance and savings. Along with the primary benefits, the responsible use of energy also promotes local economic development opportunities, energy system reliability, improved energy supply security and reduced-price volatility.

Following the path of this ECDM Plan, this document is a process involving the:

- Integration of establishing and evaluating a baseline for performance to be measured against;

- Setting future performance goals and objectives;
- Continuous improvement through identification of energy conservation potential;
- Strategic alignment of improvement measure implementation and fiscal constraints; and,
- Evaluation, measurement and communication of results achieved.

This Plan takes advantage of internal expertise as well as all available external financial incentives and rebates currently being offered to support the implementation of energy saving ideas.

## Township of Matachewan Energy Baseline Analysis

The Town will set a target of 5% reduction in energy consumption over the 5-year term of this plan (2024 -2029).

## Township-Wide Street Lighting

In 2019 the Township of Matachewan start to replace 10 streetlights/year to LED.



## Township Helipad

The Township is going to change the lights at the helipad to LED by 2025.



## Ongoing Ontario Regulation Reporting

In addition to completing this plan, the Township of Matachewan is required to submit annual energy consumption and greenhouse gas emissions templates to the appropriate Ministry of Energy portal. Gathering and recording monthly energy invoices to complete these reports. These are completed by July 1<sup>st</sup> of each year.