



Meeting Date: December 18, 2024

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Report No: PWE 58-2024

Subject: Energy Conservation and Demand Management Plan 2024-2029

Recommendation:

THAT Report PWE 58-2024, re: Middlesex Centre Energy Conservation and Demand Management (ECDM) Plan (2024-2029) be received and approved for publication.

Purpose:

To provide Council the updated Middlesex Centre Energy Conservation and Demand Management Plan as required by O.Reg. 25/23.

Background:

The Green Energy Act 2011 required municipalities to track annual facility energy use, develop an energy conservation plan and update the plan every five years. The Green Energy Act was repealed and replaced with O. Reg. 507/18 as part of the Electricity Act. On February 23, 2023, Ontario Regulation 25/23 (Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans) replaced O. Reg. 507/18.

In response to the requirements of the Green Energy Act, the Municipality of Middlesex Centre developed its first ECDM Plan in 2014 where a target of 1% decrease of energy consumption per annum was set.

Analysis:

Under the Electricity Act, O. Reg. 25/23 requires that all broader public sector agencies:

- Report their annual energy consumption and greenhouse gas (GHG) emissions; and
- Develop, update and implement ECDM plans every five (5) years.

The 2024-2029 ECDM Plan builds on the previous 2019-2024 Plan and aims to improve the energy efficiency of services within the Municipality and provide local leadership in sustainability. This ECDM Plan will also summarise the conservation and emission reduction initiatives the Municipality has taken since the first ECDM Plan.

Further, the Plan outlines specific measures (energy conservation and/or efficiency measures) which will assist the Municipality in meeting the target. Future measures are aligned with the proposed 5-Year Capital Plan.

Strategic Plan:

This matter aligns with following strategic priorities:

- Sustainable Infrastructure and Services

Attachments:

Appendix: Energy Conservation and Demand Management Plan 2024-2029