



## Staff Report

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**Report To:** Rebekah Msuya-Collison, Chief Administrative Officer/Deputy Clerk

**From:** **Stacey Jeffery, Community Relations Manager**

**Date:** June 17 2024

**Report:** CR05-2024

**Subject:** Five-year Conservation and Demand Management (CDM) Plan (2024 – 2028)

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### **Recommendations:**

**That** South Huron Council receives the report from Stacey Jeffery, Community Relations Manager, re: Five-year Conservation and Demand Management (CDM) Plan (2024 – 2028); and

**That** South Huron Council approves the overall intent of the Five-year Conservation and Demand Management Plan (2024-2028), as presented.

### **Purpose:**

Information and Approval.

### **Background and Analysis:**

#### **Ontario Regulation 25/23: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans**

Ontario Regulation 25/23 ([O. Reg. 25/23](#)) (formerly Ontario Regulation 507/18), requires broader public sector (BPS) organizations to post their Conservation and Demand Management (CDM) plans on their website by July 1, 2024, and on or before July 1<sup>st</sup> in every fifth year thereafter. As per the regulation, the Municipality of South Huron is considered a BPS organization and must develop and implement comprehensive strategies for energy conservation and demand management.

Building on the previous five-year CDM plan (2019), the new five-year CDM plan (2024) is an update to the previous plan and was developed in accordance with the regulation. It provides a summary of the previous plan's performance, sets the targets for the new period, and describes the planned initiatives and projects to achieve the targets.

As per the regulation, the five-year 2024 CDM plan, as presented, has been reviewed and approved by municipal senior management.

### **Comparison of Energy Consumption (2019 and 2023)**

The following decreases from 2019 and 2023 reported energy data (for reportable municipal facilities<sup>1</sup>) can be noted:

- Total energy consumption decreased by 0.99%.
- Total greenhouse gas emissions decreased by 10.06%.
- Total natural gas consumption decreased by 12.25%.

The following increases from 2019 and 2023 can be noted:

- Total electricity consumption increased 11.99%.

### **Completed Energy Projects (2019-2023)**

A total of 13 projects were identified in the 2019 CDM plan as a priority for implementation within Municipal facilities over a five-year period.

- 6 projects were completed within the five-year period.
- 7 projects identified for implementation in the 2019 CDM plan were not completed based on further investigations which determined that the projects were not appropriate for the Municipality within the five-year period.
- 11 projects not identified within the 2019 CDM plan related to energy consumption were completed during the period.

### **Energy Conservation Strategies (2024 - 2028)**

It is recommended that the Municipality will continue to implement the following strategies, as identified within the 2019 CDM Plan, over the period of 2024 to 2028: Policies and Procedure, Procurement, Buildings (new

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<sup>1</sup> O. Reg 23/25 does not require energy reporting for facilities related to the pumping of sewage or water (previously required under regulation). Data from 2019 and 2023 include facilities related to the pumping of sewage and water due to Energy Planning Tool program configuration, which are not required to be reported under the current regulations.

construction or upgrades, Energy Monitoring, Technical Standards and Financial Viability, and Energy Training and Engagement. Additionally, it is recommended that the Municipality undertake a comprehensive energy audit of all municipal facilities required to report energy consumption under O. Reg 23/25 during the 2024 – 2028 period to evaluate energy consumption, identify areas of energy waste or inefficiency, and recommend cost-effective measures to improve energy efficiency.

### **Proposed Energy Projects (2024 - 2028)**

Subject to budget approval for the 2024 to 2028 period, municipal staff have identified 9 projects and initiatives for the new five-year CDM plan (2024). It should be noted that additional projects related to energy efficiency not included in the 2024 CDM may be implemented during the 2024-2028 period. Note: some project costs of implementation are still being confirmed by staff to ensure accuracy; costs within the final version of the 2024 CDM Plan may be different from those presented. The updates of costs will not change the overall intent of the 2024 CDM plan.

### **Operational Considerations:**

As this report is being presented for information, no alternatives are presented.

### **Financial Impact:**

Funding for implementing the planned projects under the plan will be requested through the annual capital budget request process.

### **Legal Impact:**

There are no legal implications for the Corporation resulting from the information presented within this report.

### **Staffing Impact:**

There are no staffing implications for the Corporation resulting from the information presented within this report.

### **Communication Actions:**

BPS organizations are required to post their Conservation and Demand Management (CDM) plans on their websites.

### **Policies/Legislation:**

[Ontario Regulation 25/23: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans](#)

**Consultation:**

Rebekah Msuya-Collison, CAO

Jeremy Becker, General Manager of Community and Emergency Services

Don Giberson, General Manager of Infrastructure and Development

Julia Warwick, Director of Financial Services/Treasurer

Mike Rolph, Director of Building and Planning/CBO

**Related Documents:**

Respectfully submitted,

**Stacey Jeffery, Community Relations Manager**

### Report Approval Details

Document Title:	CR05-2024 Five-year Conservation and Demand Management Plan (2024-2028).docx
Attachments:	- 2024 CDM Plan 2024-2028 for Municipality of South Huron - Draft.pdf
Final Approval Date:	Jun 13, 2024

This report and all of its attachments were approved and signed as outlined below:

**Alex Wolfe - Jun 12, 2024 - 12:31 PM**

**Julia Warwick - Jun 13, 2024 - 10:48 AM**

**Rebekah Msuya-Collison - Jun 13, 2024 - 1:46 PM**