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Town of Aurora

## Memorandum

Planning and Development Services

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**Re:** 2024 Energy Conservation and Demand Management Plan Draft Report Presentation

**To:** Environmental Advisory Committee

**From:** Natalie Kehle, Energy and Climate Change Analyst

**Date:** April 15, 2024

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### Recommendation

1. That the memorandum regarding the 2024 Energy Conservation and Demand Management Plan Draft Report Presentation be received; and
2. That the Environmental Advisory Committee comments regarding the 2024 Energy Conservation and Demand Management Plan Draft Report Presentation be received and referred to staff for consideration and further action as appropriate.

### Background

The Town of Aurora updated its Energy Conservation and Demand Management Plan (ECDMP), a requirement every five-years under the Ontario Regulation 23/25, Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans for public building energy use. In 2018, the Town Council committed to meeting the Partners for Climate Protection (PCP) Milestone framework, which is a Federation for Canadian Municipalities funded initiative that supports municipalities taking action on climate change. In order to meet the PCP requirements and the O. Reg. 23/25, the 2024 ECDMP update expands the scope of corporate greenhouse gas (GHG) emission sources covered in the plan compared to past ECDMPs. The 2019 ECDMP included energy use from public buildings, fleet and water/wastewater facilities. The new sources in the 2024 ECDMP update include GHG emissions from solid waste, propane, streetlights, and other public lighting. The 2024 inventory now consists of emissions from:

- Buildings (offices, recreation centres, Library, etc.)
- Fleet (vehicles and equipment)

- Water and wastewater (pumping stations)
- Corporate solid waste (from all Town-owned buildings and public receptacles)
- Streetlights and other public lights (parks and trails, Town-owned parking lots)

The ECDMP includes Town-owned assets only. Emissions from homes, local businesses, community waste and personal and public transportation are captured under the Town's Community Energy Plan (CEP) and are excluded from this plan.

The 2024 ECDMP update includes:

- Setting short, medium and long-term GHG reduction targets
- Identifying municipal best practices for reducing corporate GHG emissions
- Reviewing completed initiatives from the 2019 ECDMP and estimated savings
- Updating the GHG emission inventory with the latest available data (2022)
- Identifying energy conservation measures for the short, medium and long-term
- Forecasting GHG emissions

The draft ECDMP incorporates the feedback and comments obtained from Town Departments, including Community Services, Operations, Planning and Development Services, Corporate Services and Finance. The full draft plan will be provided to the Environmental Advisory Committee for comments and feedback for the May 13<sup>th</sup> EAC meeting. The final draft plan is scheduled to be presented to Council on June 4<sup>th</sup>, 2024, at the Committee of the Whole meeting.

### **Attachments**

Attachment 1 – Draft 2024 Energy Conservation and Demand Management Plan Executive Summary

Attachment 2 – Presentation of the Draft 2024 Energy Conservation and Demand Management Plan (ECDMP)