



Regular Council Meeting

To:	Mayor and Council
Date:	April 7, 2025
From:	Kyle Phillips – Chief Building Official
Report Number:	Building Department 2025-15
Subject:	Corporate and Community Energy and Emissions Report

Recommendation:

That Council receive Building Department Report 2025-15, Corporate and Community Energy and Emissions Report for information.

Overview:

Since the establishment of the Municipal Sustainability Committee, Township staff have worked with Enbridge Gas and Hydro One to obtain energy use of Township buildings as well as community energy user data. After receiving this data, staff determined that it would be beneficial to have a consultant review this data and summarize the uses and subsequent green house gas (GHG) emissions throughout the community as compared to each sector's standards and expected consumption levels.

The Township of Cavan Monaghan sought proposals from a qualified consultant to review the energy consumption throughout the Municipality including municipally owned facilities as well as community wide energy consumption as provided by energy use reports via Hydro One and Enbridge Gas. The successful candidate would then analyze such data and develop a report identifying, by sector, energy consumption trends with comparisons to industry wide norms. The candidate was to review, consider and integrate recommendations for consumption reduction into the existing Peterborough County Climate Change Action Plan (CCAP) and the Township of Cavan Monaghan Energy Demand Management Plan. The candidate would also then develop an energy monitoring and reporting tool for Municipal staff to utilize moving forward.

Staff issued the Request for Proposal (RFP) PEB-2024-01 on June 25, 2024. The RFP submissions were received through "bids&tenders" and advertised on the Township website and social media outlets.

The closing date was 10:00 a.m. on Tuesday July 23, 2024. The RFP was opened publicly in the Municipal Office and on YouTube on the same day by staff Kyle Phillips, Chief Building Official, Cindy Page, Clerk, Kimberley Pope, Treasurer, Jennifer Steen, Executive Assistant to Corporate Services and Councilor Gerry Byrne. The Township received 6 proposals.

On August 12th, 2024 Council awarded the Development of a Corporate and Community Data Analysis and Monitoring Program for \$22,000.00 plus HST \$2860.00 for a total bid of \$24,860.00 to Aladaco Consulting Inc.

Aladaco Consulting Inc. carried out the proposed works in consultation with staff to develop the Township of Cavan Monaghan Corporate and Community Energy and Emissions Report.

A summary of the report found, from a corporate facilities aspect, 6 large energy use contributors that account for 84% of total corporate energy consumption and 85% of total Corporate GHG emissions. Some of these buildings have high energy consumption due to use such as the wastewater treatment plant and the Cavan Monaghan Community Centre. However the report has identified Township buildings with viable opportunities for energy savings measures such as the Municipal Office and the Old Millbrook School.

Staff will utilize this report to target key municipal buildings that will have a cost benefits of energy audits and building component replacements including lighting, HVAC and energy efficiencies. The report will be helpful in energy related community initiatives by understanding how each sector including commercial, industrial and residential makes use of energy resources. Staff will also utilize the findings to help procure energy related grant funding that may become available.

Aladaco also created the tool for reporting on and tracking corporate energy use. This was a requirement of the RFP and will help reduce staff time when conducting required annual facility energy use reporting. This will also help staff compare facility health, identifying opportunities for cost savings and make informed decisions on facility operations.

Financial Impact:

There is no financial impact at this time.

Linkage to the Strategic Plan:

This report aligns with Strategic Priority #1. Financial Sustainability, Objective 2: Ensure that goals, policies, and plans are aligned with decision-making processes in accordance with the Asset Management Plan (AMP). Ensuring that the Asset Management Plan and strategies are effectively aligned will enhance asset life cycles and promote efficient replacements, maximizing overall effectiveness.

This report aligns with Strategic Priority #3. Environmental Sustainability, Objective 6: Promote sustainable practices in municipal infrastructure. Incorporate energy-efficient practices and water-efficient technologies in new municipal building projects and renovations.

Attachments:

Attachment No. 1 – Township of Cavan Monaghan Corporate and Community Energy and Emissions Report

Respectfully Submitted by,

Kyle Phillips
Chief Building Official

Reviewed by,

Yvette Hurley
Chief Administrative Officer