

The Township of The Archipelago

Information Report to Committee

Report No.: ENVIRONMENT-2024-01

Date: 2024-11-21

Originator: Steve Wark, Planning Coordinator

Cale Henderson, Manager of Development & Environmental Services

Subject: ICECAP Milestone 5 Corporate Energy & Emissions Report

BACKGROUND

On August 18th, 2023 the Township of The Archipelago (Township) adopted its Corporate Climate Action Plan. The Township then adopted its Community Climate Action Plan on August 16th, 2024. During the adoption of these plans, the Township also passed a resolution adopting the following greenhouse gas (GHG) emissions reduction targets:

- Corporate: 30% GHG reduction from 2016 baseline levels by 2030
- Community: 6% GHG reduction from 2016 baseline levels by 2030
- Corporate & Community: Strive for net-zero by 2050

The goal of the attached reports is to measure and monitor the Township's progress towards the corporate GHG emissions reduction target listed above. This report contributes to the collective objectives of the regional Integrated Communities Energy & Climate Action Plans (ICECAP) partnership, and serves as an ongoing deliverable to Milestone 5 of the Federation of Canadian Municipalities Partners for Climate Protection program. The purpose of this report is to:

- Measure progress towards the corporate GHG emissions reduction target;
- Understand trends in energy used during municipal operations;
- Understand trends in municipal energy expenditures;
- Identify opportunities for emissions reductions and energy cost-savings.

As of 2023, the Township's corporate GHG emissions have decreased by approximately 13.9% compared to the 2016 baseline year. The Township is on track to meet its emissions reduction target, based on actual emissions levels being slightly below the pace of average annual emissions reductions needed to reach the 2030 target. On average, the Township would need to reduce its corporate emissions by 2.14% each year from the 2016 baseline to reach its 2030 target. To be on track with the 2030 target, the Township would need to have reduced corporate GHG emissions by approximately 15% as of 2023. However, actual emissions can fluctuate each year, meaning progress towards this target can change. Further momentum and

implementation of the Corporate Climate Action Plan is needed to reach the Township's 2030 target.

STRATEGIC PLAN

This direction is in alignment with the following Strategic Priorities contained within our Strategic Plan:

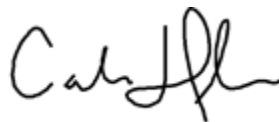
- Protect & Preserve
 - Sustainable & Cost-Effective Services
 - Effective Relationships & Partnerships
 - Leadership & Communications
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Respectfully Submitted,



Steve Wark
Planning Coordinator/
Secretary-Treasurer

I concur with this report,



Cale Henderson, MCIP, RPP
Manager of Development &
Environmental Services

I concur with this report,



John B. Fior
CAO

ATTACHMENTS

1. 2024 Milestone 5 Report
2. 2024 Milestone 5 Report Annex
3. 2024 Milestone 5 Presentation