

# Staff Report

**Report From:** Jessica Clapp, Asset Management and Environmental Services Manager

**Meeting Date:** October 21, 2024

**Subject:** Municipal Climate Action Offer – 2024 Application

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**Recommendation:**

That Goderich Town Council receive this report for information.

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**Report Summary:**

The municipality has applied to the 2024 Municipal Climate Action Offer, funded through the Ontario Energy Board. A successful application will receive a maximum incentive of 50% of eligible costs, up to a maximum of \$10,000.

**Background/Analysis:**

The Municipal Climate Action Offer is funded through the Ontario Energy Board and is intended to support municipal climate action and related initiatives that reduce energy consumption. Municipalities can receive a maximum incentive of 50% of eligible costs submitted to a maximum of \$10,000. To be eligible for funding, the following criteria must be met:

- The municipality must be located within the Enbridge Gas service area
- The municipality must be taking action to reduce natural gas consumption in homes and/or businesses
- The municipality must have requested Enbridge Gas consumption/greenhouse gas (GHG) data for the purposes of climate action within 2 years of the application date.

For the municipality to satisfy its corporate GHG reduction target of 15%-20% below 2019 levels by 2030, energy conservation measures need to be implemented to reduce the business-as-usual (BAU) GHG emissions forecast. The 2022 energy audit identified the Maitland Recreation Centre (MRC) as the largest GHG emitter of all Town-owned facilities and included various energy conservation measures to be implemented the reduce energy consumption and GHG emissions at this facility.

One of the recommended energy conservation measures identified in the energy audit was to begin a replacement schedule for the eight (8) Kube compressors in the arena refrigeration system, as all eight (8) Kube compressors reached their end-of-life in 2018. To assist in this Kube compressor replacement program, the municipality included the replacement of two (2) Kube

compressors at a cost of approximately \$12,000 per unit in the Municipal Climate Action Offer application. The total project costs would be approximately \$24,000 for the purchase of two (2) Kube compressors, excluding HST.

Replacing a compressor that has reached its end of useful life can significantly improve arena performance by increasing efficiency by operating at a lower energy consumption rate, as well as enhancing cooling by properly functioning to ensure optimal cooling. From the 2022 Energy Audit, it is estimated that the replacement of the Kube compressors will reduce GHG emissions by approximately 4 tonnes CO<sub>2</sub>e, saving the municipality approximately \$21,000 per year with a simple payback of 0.2 years.

**Linkages:**

- Corporate Strategic Plan Priority #1: Safe and Reliable Infrastructure
- Corporate Strategic Plan Priority #4: Good Government
- Corporate Strategic Plan Priority #5: Environmental Stewardship

**Financial Impacts/Source of Funding:**

The financial impact associated with this report, upon success of the grant application, is \$10,000 contribution through the Municipal Climate Action Offer, with the remaining cost (approximately \$14,000) funding through the Maitland Recreation Centre operations budget.

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Reviewed By: Deanna Hastie, Director of Corporate Services/Treasurer

Approved By: Janice Hallahan, Chief Administrative Officer  
Andrea Fisher, Director of Legislative Services/Clerk