



To: Council
From: Kevin Amelotte – Director of Parks and Recreation
Date of Meeting: June 28, 2023
Subject: Green House Gas Reduction Pathway Feasibility Study for the Long Sault Arena

Recommendation:

That Council accepts the Green House Gas Reduction Pathway Feasibility Study report for the Long Sault Arena as presented by Next Energy Development Group Inc.

Executive Summary:

In 2022, The Township was successful in an application to the Green Municipal Fund (a program of the Federation of Canadian Municipalities) to research and complete a Green House Gas (GHG) Reduction Pathway Feasibility Study that would provide the research and analysis on how to improve the carbon footprint of the Long Sault Arena. The study aims to help provide a strategy that could allow the facility to reach an 80% GHG reduction over the next ten (10) years.

The results of the finalized study will be used to strengthen the Townships current Asset Management Plan, while supporting future grant applications and capital project planning. As part of the recommended pathway to achieve the GHG reductions, the Township will continue to pursue capital project funding that was identified and previously reported to Council.

Background:

Council previously directed staff to investigate green energy initiatives to improve the GHG consumption required to operate the Long Sault Arena. This project has provided the options to achieve these goals, the research has been used to support a grant application to the Green and Inclusive Community Buildings (GICB) program with hopes that a successful application would support major capital improvements to the facility that includes replacement of the existing roof and the addition of solar panels.

Alignment with Community Strategic Plan:

Goal 2: Sustainable Infrastructure
Objective 5.2: Recreation and Culture

Risk and Asset Management Considerations:

The results of this feasibility study will be used to further strengthen the asset management plan for this facility. Moving forward, Staff and council will be in a better position to understand GHG reduction options while budgeting for capital improvements or replacements.

Options:

- 1- That Council accepts the Green House Gas Reduction Pathway Feasibility Study report for the Long Sault Arena as presented by Next Energy Development Group Inc.
- 2- Other.

Financial Impact:

The total budget for this feasibility study was \$70,000.00, however the Township was provided 80% funding (\$56,000.00) to complete the project through the Green Municipal Fund.

Others Consulted:

- Next Energy Development Group Inc.
- South Stormont Staff