



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Conservation Demand Management Plan and Ontario Regulation 397/11

Date: Jul. 3, 2024

Report Number: CS-2024-07-30

Department: Community Services

File Number: C11 E17 ENE 24

Prepared By: Mike Fair

Attachments: Conservation Demand Management Plan

Recommendation:

That the Township of Huron-Kinloss Committee of the Whole hereby receives Report CS-2024-07-30 prepared by Mike Fair, Director of Community Services

Background:

The Ontario Regulation 397/11 was introduced by the provincial government in 2011 under the Green Energy Act and was moved to reside under the Electricity Act in 2019. The regulation requires municipalities, universities, school boards, and hospitals to annually report their energy consumption data to the province. In addition, the regulation requires municipalities to publish an Energy and Conservation Demand Management Plan (CDM) plan every five years, which began in 2014.

Discussion/Analysis/Overview:

Staff has submitted the energy data for 2022 and 2023 and the CDM Plan. The plan is attached.

Staff five years ago used the 2016 data; however, data was missing for a few facilities that were not being tracked at that time therefore misleading. Staff is now using the 2019 data as baseline data going forward since the 2019 data is complete.

The Township Huron-Kinloss surpassed its goal of reducing emissions by 1% every year. In fact, the Township of Huron-Kinloss corporate emissions were reduced by 16% over the last five years.

The Township of Huron-Kinloss is converting most facilities from propane to natural gas by 2025. Currently propane usage of 95 000 litres produces 143.6 tonnes of GHG emissions. Upon conversion, the natural gas GHG emissions estimate is 124 tonnes. The conversion of propane to natural gas is anticipated to reduce the corporate GHG emissions by almost 13% in the next two years. The Township of Huron-Kinloss conservative goal of reducing GHG emissions is still 1% percent per year for the next five years.

The staff recommendations in the CDM plan will be incorporated into future business plans that will be brought forward to Council for approval.

If Council wishes to change any recommendations at this time, then staff would update the plan and incorporate any changes.

Financial Impacts:

The estimated financial impacts are savings ranging from \$40 000 to \$75 000 annually by implementing the plan.

Performance Measurement:

Reduce GHG emissions by minimum 1% every year

Strategic Area:

- | | |
|---|--|
| <input type="checkbox"/> Embrace a thriving rural lifestyle | <input type="checkbox"/> Enhance Municipal Service Delivery |
| <input type="checkbox"/> Prepare for Inclusive Growth | <input checked="" type="checkbox"/> Ensure Financial Stability |

Strategic Goal: Commit to financial health and sustainability

Respectfully Submitted By:

Mike Fair, Director of Community Services

Report Approved By:

Jodi MacArthur, Chief Administrative Officer