



City of
Peterborough

To: **Members of the Peterborough Environmental Advisory Committee**

From: **Michael Papadacos, Manager of Infrastructure Management Division**

Meeting Date: **October 21, 2020**

Subject: **Report PEAC20-008
Climate Action Update Report**

Purpose

A report to provide the PEAC with an update highlighting corporate and community climate initiatives from March to October 2020.

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC20-008 dated October 21, 2020 of the Manager of Infrastructure Management Division, as follows:

That the report be received for information.

Budget and Financial Implications

There are no budgetary or financial implications associated with the recommendation.

Background

The City of Peterborough has continued developing multifaceted climate programs since the onset of the COVID-19 pandemic. Many community and corporate sector climate initiatives are being advanced with the objective of lowering greenhouse gas (GHG) emissions. The following are some highlights of projects that strengthen climate action in Peterborough.

Home Energy Efficiency Program (HEEP)

The City is applying to the Community Efficiency Financing program offered through the Federation of Canadian Municipalities' Green Municipal Fund to access funding to design a home energy retrofit program in Peterborough. The HEEP will target residential energy and GHG emissions by offering incentives and various financing mechanisms to encourage homeowners to participate in the program. An application to receive program design funding will be submitted in October 2020. If the City is successful and receives money to complete the HEEP design, a subsequent application for program capitalization for retrofit incentives and loans will be submitted.

The Climate Change Action Plan (CCAP) identifies residential energy use as the single largest contributor of GHG emissions from the community sector with ~40% of all community emissions. Implementing a program to incentivize homeowners to undertake energy retrofits is a key strategy identified in the CCAP (Strategy H1).

Zero Emission Vehicle Infrastructure Program

An application to Natural Resources Canada's Zero Emission Vehicle Infrastructure Program (ZEVIP) has been submitted to access federal funding to install electric vehicle (EV) charging stations at corporate facilities. This funding program is intended for organizations to add EV charging infrastructure at their facilities for fleet owned by the organization or for the use of staff. Up to 50% of eligible project costs will be covered by the funding and the City has applied for eight (8) dual charging stations (for a total of 16 charging ports). If successful, these charging stations will be installed at four strategic City facilities with fleet assets by the end of 2021.

By installing EV charging infrastructure at City facilities it allows the City to consider electric vehicle replacements when existing vehicles reach end-of-life where appropriate alternatives exist. This approach supports the CCAP Corporate Strategy 6 – Transition municipal fleet to be more efficient and less carbon emitting and asset management strategies of reviewing alternate fuel vehicles and considering EVs identified in the Capital Asset Management Plan.

Community Climate Change Resilience Strategy (CCCRS)

Development of Peterborough's Community Climate Change Resiliency Strategy (CCCRS) was facilitated by the City's participation in ICLEI Canada's Adaptation Changemakers project. The goal of this strategy is to build the adaptive capacity of the community, and to begin to integrate climate change considerations into long-term planning and day-to-day operations. The impacts and actions reflect priority climate change risks for the community's social, built, economic, and natural systems. Many climate-related risks extend beyond municipal jurisdiction, requiring the collaboration of important community service providers, local partnerships and other levels of government. As such, the climate actions presented in this strategy were developed using the knowledge and experience of municipal staff and community partners.

A draft of the CCCRS was completed in March and work continues to finalize the strategy with internal and external stakeholders to establish agreed-upon roles and responsibilities from each partner and develop implementation plans.

Ongoing and Upcoming Initiatives

Several other initiatives are in progress or will commence in 2021. Two projects of significance will be the Waste Management Master Plan and the Source Separated Organics Project and will target reductions in both community and corporate emissions. The City continues to support other climate action initiatives in the community (Transition 2050 Project, Green Economy Peterborough Hub).

Submitted by,

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