



City of
Peterborough

To: Members of the Peterborough Environmental Advisory Committee

From: Michael Papadacos, Director, Asset Management & Capital Planning

Meeting Date: January 15, 2025

Report: Climate Initiatives Update, Report PEAC25-002

Subject

A report to provide the Peterborough Environmental Advisory Committee with an update highlighting corporate and community climate initiatives from November 2024 to January 2025.

Recommendation

That the Peterborough Environmental Advisory Committee approve the recommendation outlined in Report PEAC25-002, dated January 15, 2025, of the Director, Asset Management and Capital Planning as follows:

That the report be received for information.

Background

The City of Peterborough continues to pursue greenhouse gas (GHG) emission reductions by developing and implementing strategic climate initiatives, along with incorporating resiliency throughout the community and within City operations. The following climate actions highlight new or ongoing projects within Peterborough.

Climate Initiatives Update

Community Buildings Retrofit (CBR) – Police Services Buildings

In November the City reactivated the CBR project to undertake energy efficiency modelling to lower GHG emissions for two additional buildings. Project consultants, Efficiency Engineering, have completed site investigations to inform the energy modelling process for Police Services facilities on 500 Water St and 1421 Lansdowne St. Next steps include a design workshop in January with City staff to select proposed energy conservation measures to be modelled. A final feasibility report with retrofit implementation costs and incremental life cycle costs will be developed for three GHG reduction pathways that achieve 50 percent in 20 years, 80 percent in 20 years, and 80 percent in 5 years. The project is anticipated to be finalized in Q1 2025.

Better Homes Peterborough – Progress Update

Program administrators are continuing to carry out key activities in advance of the anticipated March 2025 launch. The Home Energy Efficiency Program has been rebranded as Better Homes Peterborough to improve its marketability within the community. The user portal, website, and local improvement charge pathway are still in development. In addition, the City is working to onboard a third-party financial institution to provide homeowner lending.

Miskin Law Community Complex EV Charging Stations – Successful Application

The City was successful in its grant application to the provincial EV ChargeON program to install public-facing electric vehicle (EV) charging station infrastructure at the Miskin Law Community Complex. A total of seven level-2 (3.3-19 kW) and four level-3 (50-99 kW) EV charging ports will be installed for facility patrons and commuters in 2025. At present, a Request for Proposals is being developed to hire contractors to purchase and install the charging stations.

Other Initiatives

There are no new updates for the following climate initiatives at this time:

- Alternative Fuel Study for Transit and Non-Transit Fleet Vehicles
- Bird Friendly Peterborough – Installation of Bird Anti-collision Deterrents
- Carbon Disclosure Project (CDP) – Score
- Climate Action Accelerator to Net-zero (CAANO) – Pilot Project
- Climate Change Action Plan 2.0 – Pathway to Net Zero 2050 – Presentation
- Curtis Creek Channel Improvements – Design Completed
- Harper Creek Subwatershed Study – Draft Report
- Local Leadership in Climate Adaptation – Application Pending
- Otonabee River Trail and Shoreline Improvement – Community Engagement.
- Sanitary Master Plan – Community Engagement

- Watershed Plan – Plan Finalization
- World Wildlife Fund (WWF) – We Love Cities Engagement Results

Strategic Plan

Strategic Pillar: Community & Well-being

Strategic Initiative: Demonstrate strong leadership in environmental stewardship by proactively addressing issues and challenges of climate change and the environment.

In 2019, City Council approved the Climate Emergency Declaration that requires City staff to report to PEAC on climate action. The Declaration also requires that City staff "greatly accelerate timelines for our existing actions to reduce the effects of climate change; add new actions and proposals to reduce greatly our GHG emissions" by 45 percent in 2030 and net zero emissions by 2050.

Budget and Financial Implications

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

Submitted by,

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