

President@EVSociety.CA



01 March 2022

via email

Mayor Lehman, Jeff.Lehman@Barrie.CA

Mayor Lehman and Barrie City Council
70 Collier Street
Barrie, Ontario.
L4M 4T5

RE: City of Barrie's Community Energy and Greenhouse Gas (GHG) Reduction Plan

Dear Mayor Lehman and Barrie City Council,

It has been an honour to have represented Electric Vehicle Society and served on the City of Barrie's Community Energy and Greenhouse Gas Reduction Plan¹ Stakeholder Advisory Group.

Mayor Lehman and Barrie City Council should be recognised for their vision and foresight to undertake this important initiative. City staff, and consultants from Wood², ICLEI³, and LURA⁴ oversaw a thorough and public consultation and research initiative that gives a clear and accurate picture of GHG emissions in Barrie and presents a viable GHG reduction strategy comprised of many mitigation options.

I am writing to you today to stress the importance of the findings and recommendations in the report.

Since the Advisory Group last met, the Intergovernmental Panel on Climate Change - IPCC, (a global non-governmental organisation comprised of thousands of scientists who study the cause and impact of climate change)⁵, released its sixth (6th) report⁶ since it was convened by the UN in 1988. It has identified that impacts of man-made GHG emissions are far worse than previously forecast with many member scientists advising it is "*the bleakest warning yet*". Hans-Otto Pörtner, a co-chair of the IPCC working group implores: "*Any further delay in concerted global action will miss a brief and rapidly closing window to secure a liveable future.*"

In Canada, GHG emissions from transportation represent roughly one quarter (23%)⁷ of total emissions. In Barrie however, transportation emissions are more than double the national average with light and medium duty vehicles contributing fifty four percent (54%) of total GHG emissions⁸.

Simple changes in buying policy and behaviour can immediately reduce the GHG footprint of Barrie's largest GHG source. The shift to electrified transportation not only reduces GHG, but it also reduces air pollution, saves significant money for vehicle owners, and results in local economic benefits.

However, the latest IPCC report makes it clear: now is not the time for more studies, now is not the time to procrastinate on decisive action, now is not the time for short-term fiscal restraint in favour of long-term savings.

The window to implement change that leads to clear and long-lasting health and economic benefits for the citizens of Barrie is rapidly closing.

Now is the time to put words to action. Now is time to act swiftly to implement the recommendations brought forward in Barrie's GHG reduction plan.

Both EV Society and I personally look forward to continuing our collaboration to help Barrie implement these important changes.

Sincerely,



Wilf Steimle, President
Electric Vehicle Society

CC:

- ♦ Adam McMullin, City of Barrie Manager of Energy, Adam.McMullin@barrie.ca
- ♦ Susan Hall, LURA Consulting Partner,
- ♦ Melissa Gallina, LURA Consulting Project Manager,
- ♦ Caitlin Rodger, ICLEI Canada Climate & Energy Planner,
- ♦ Peter Forint, EV Society GR Committee co-chair,
- ♦ Sebastien Hamel, EV Society GR Committee co-chair,

¹ https://www.buildingbarrie.ca/communityenergy#:~:text=Without%20further%20climate%20action%2C%20Barrie's_become%20net%2Dzero%20by%202050.

² <https://www.woodplc.com/>

³ <https://www.iclei.org/>

⁴ <https://lura.ca/>

⁵ <https://www.ipcc.ch/about/>

⁶ https://report.ipcc.ch/ar6wg2/pdf/IPCC_AR6_WGII_SummaryForPolicymakers.pdf

⁷ https://www.equiterre.org/sites/fichiers/fmm_transportation_recs.pdf

⁸ [https://ehq-production-canada.s3.ca-central-](https://ehq-production-canada.s3.ca-central-1.amazonaws.com/9189317814540c4a3b15797a65f80206fe75d7e5/original/1643810610/c11733c3a36850c927cfaf1ae56coe32_Part_1_Public_Review_v2_1_.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIBJCUKDD4ZO4WUUA%2F20220304%2Fca-central-1%2Fs3%2Faws4_request&X-Amz-Date=20220304T160711Z&X-Amz-Expires=300&X-Amz-SignedHeaders=host&X-Amz-Signature=29c1bd42debfc26781c179815b51325ec24611d27a61c434fe2b3279e3d2dcd1)

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Enbridge Gas Inc.
500 Consumers Rd.
North York ON
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March 14, 2022

General Committee
c/o City Clerk's Office
City of Barrie Legislative Services
PO Box 400, Barrie, ON
L4M 4T5

By Email: cityclerks@barrie.ca (for circulation)

Dear Mayor and Members of Council,

Re: Letter of Support for Barrie's Community Energy and Greenhouse Gas Reduction Plan

On behalf of Enbridge Gas Inc. ("Enbridge"), I am pleased to provide this letter of support for the proposed Community Energy and Greenhouse Gas (GHG) Reduction Plan on the General Committee's agenda on March 21, 2022.

Having declared a Climate Emergency and already directed city staff to create a corporate Climate Change Mitigation Plan in 2019, developing a community-based Energy and GHG Reduction Plan was the logical next step; one that would align the net-zero targets of both plans.

Enbridge has been a participating member of the Stakeholder Advisory Group (SAG) since its inception and has appreciated the opportunity to participate and provide feedback into the plan's development.

Given our scale and experience, Enbridge is uniquely positioned to partner with the City of Barrie on low carbon solutions, through our diverse energy offerings, across multiple markets that improve energy efficiency and lower emissions. These solutions include cleaner technologies for transportation; green fuels like renewable natural gas and hydrogen; conservation programs; and low carbon heating technologies such as heat pumps and hybrid heating systems, solar photovoltaic (PV) and geothermal loops.

In partnership with Sean Mason Homes at their future Rainwater development in the City of Barrie, geothermal technology will be implemented for heating and cooling; eliminating onsite carbon emissions associated with heating and

reducing the combined energy costs by 25-30%—an exciting partnership in low carbon energy for new construction.

A local Barrie company is also making contributions to a low carbon future. Wolf Steel Ltd., better known as Napoleon, is the largest privately-owned manufacturer of fireplaces, grills, and gas furnaces in North America. In 2021, Napoleon was one of five HVAC (Heating, Ventilation, and Air Conditioning) manufacturer participants in an Enbridge Gas Hybrid Heating Pilot Project in London, Ontario. At that time, Napoleon introduced a newly developed air-source heat pump and enabled the installation of 28 units as part of the pilot—a contribution to energy efficiency, sustainability, and a low carbon future by a local Barrie employer.

Many of our employees live and work in the City of Barrie and we know climate change action matters to them. We are committed community partners with a vested interest in the City's livability, quality of life and low carbon future.

We applaud the City of Barrie and fellow members of the SAG for their leadership and look forward to continuing our collaborative efforts to further our mutual and collective climate and energy objectives in support of a cleaner, greener future.

Sincerely,

A handwritten signature in cursive script that reads "Sarah Van Der Paelt".

Sarah Van Der Paelt
Director, Energy Conservation and Marketing
Enbridge Gas Inc.