



**City of Hamilton**  
**GENERAL ISSUES COMMITTEE**  
**ADDENDUM**

**Meeting #:** 21-011  
**Date:** June 1, 2022  
**Time:** 9:30 a.m.  
**Location:** Council Chambers (GIC)  
Council Chambers, Hamilton City Hall  
71 Main Street West

Stephanie Paparella, Legislative Coordinator (905) 546-2424 ext. 3993

---

**5. COMMUNICATIONS**

- \*5.1. David Inkley, Vice-President, Engineering and Development, Hamilton Community Enterprises respecting a Community Energy and Emissions Plan
- Recommendation: Be received and referred to Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030)

**6. DELEGATION REQUESTS**

- \*6.1. Lynda Lukasik, Environment Hamilton, respecting Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide) (for today's meeting)
- \*6.2. Ian Borsuk, Environment Hamilton, respecting Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide) (for today's meeting)
- \*6.3. Jeffrey Cowan, Hamilton Community Enterprises, respecting Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide) (for today's meeting)
- \*6.4. Don McLean, respecting Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide) (for today's meeting)
- \*6.5. Kate Flynn, Centre for Climate Change Management, Mohawk College, respecting Item 8.1, Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide) (for today's meeting)

- \*6.6. Bozica Sajatovic, respecting the Vaccine Mandate for Staff of the City of Hamilton (for a future meeting)



May 31, 2022

General Issues Committee

City Council

City of Hamilton

**RE: HCE Written Delegation to Draft Community Energy and Emissions Plan**

HCE is pleased to support Hamilton's draft Community Energy and Emissions Plan ("CEEP") that is being presented to Hamilton City Council's General Issues Committee on June 1, 2022.

It's an impressive body of work led by dedicated city staff in consultation with the wider community. Everyone involved deserves our thanks and appreciation. It offers a pathway for Hamilton to transition to a net-zero future and achieve the required carbon reduction. But, most importantly, it builds on Hamilton's prowess as a hub for manufacturing, energy innovation, citizen engagement, and environmental sustainability as pillars for enduring success.

HCE was founded in the early 2000s with the deregulation of Ontario's electricity sector with a mandate to reduce Green House Gas emissions ("GHGs"). HCE is owned by the City of Hamilton and governed by an independent Board of Directors, and has grown to become a utility solutions provider in the non-regulated energy and telecommunications markets. HCE designs, builds, operates and maintains critical community infrastructure, including district energy networks, renewable energy systems, and internet and metro area fibre networks.

HCE has become an expert in delivering kilowatts, kilojoules, and kilobytes — the currency needed to power our lives in the digital age and is well placed to play an increasingly active role in climate change mitigation and adaptation.

Presently, GHGs attributable to buildings account for 28% of Hamilton's emissions profile. This comparatively low value is a function of the massive GHG emissions associated with Hamilton's industry and, unfortunately, is not a result of better buildings. As Hamilton's industry decarbonizes (as it is committed to doing), if nothing is done to address building-related emissions, GHGs attributable to buildings in Hamilton will grow to roughly 45% ~ typical of other GTHA cities. Building heating in Hamilton and elsewhere must be decarbonized to meet Canada's climate action goals.

A study performed by the Hamilton Chamber of Commerce released in 2021 identified enough residual/waste thermal energy from Hamilton's industrial



bayfront to reduce Hamilton's building sector carbon footprint by 200,000 tCO<sub>2</sub>e/year through an expanded district energy system.

The study affirmed that key local stakeholders — including leading manufacturers, developers, and the municipality — are keen to explore this pathway to transform Hamilton's energy landscape, create a market for residual/waste heat, and significantly lower regional GHG emissions in Hamilton's building sector. Communities must harvest these large quantities of industrial residual/waste heat routinely released to the atmosphere and watersheds (studies show that upwards of 60% of industrial energy is “wasted,” including energy produced by burning fossil fuels). Cities must use this heat to reduce GHGs as well as the added burden on electrical generation, local and regional power grids and distribution systems, as markets “electrify.”

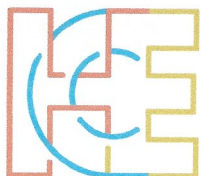
While the shift to decarbonization will create many challenges, it will also provide opportunities, especially on two related fronts:

- Building smart, low-carbon integrated energy networks needed to support mass electrification destined to transform the GTHA and beyond; and,
- Harvesting industrial residual/waste energy so we can put it to use heating homes, businesses and institutions.

**HCE believes it's all about minimizing the impact of climate change by maximizing the value of every unit of energy, and this is only made possible through collaboration and connectivity.**

That's why HCE is so pleased to be actively involved in developing the CEEP Climate Action Strategy and is equally excited to see many actionable solutions that HCE and others proposed threaded throughout the plan, including:

1. Working arm in arm with manufacturers — the lifeblood of our local and regional economies — supporting their march toward a low-carbon future;
2. Engaging multiple parties — including utility providers — to imagine and implement integrated energy systems designed to meet tomorrow's energy needs without burning more fossil fuels;
3. Leveraging Hamilton's existing renewable energy assets, including HCE's district energy systems, to encourage fuel switching and decarbonize space heating;



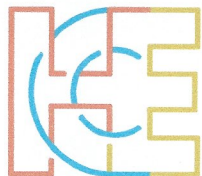
4. Developing policies and standards that promote improved energy efficiency in the buildings sector, including opportunities to connect to thermal networks; and,
5. Partnering with manufacturers to harvest their industrial residual/waste heat as the backbone of a low-carbon thermal network designed to drive sustainable development and ensure energy resilience and security.

HCE has a vision that by 2050, Hamilton and other parts of the GTHA will have a low-carbon green thermal corridor that transports industrial residual/waste heat harvested across Hamilton's Bayfront Industrial Area to densely populated demand nodes in Hamilton and beyond for building heating. This green thermal corridor will be a vital component of an innovative, next-generation Integrated Community Energy (ICE) network — smart, innovative, digitally-enabled, and efficient. This network, designed to scale up in multiple phases, will grow to serve existing and new buildings. It will offset the need for incremental electrical generation capacity and the associated electrical transmission and distribution upgrades that would otherwise be required to decarbonize space heating through electrification. It will also help ensure that the expansion of low-carbon district energy serves the building boom in Hamilton and other parts of the GTHA. This initiative will create a market for industrial residual/waste heat, an enduring by-product of steelmaking and other manufacturing processes in the industrial zone. Best practices from Scandinavia and other regions will be incorporated to ensure the viability of large-scale district energy systems fuelled by industrial residual/waste heat. Hamilton will become a lighthouse example of this sustainable approach to decarbonizing space heating and cooling in Canada.

HCE is working with the City of Hamilton, the Hamilton Chamber of Commerce, HIEA and BACCC, as well as many others to determine the feasibility of a low-carbon thermal corridor with the potential to serve all parts of our city and beyond. In addition to its environmental benefits, the proposed “green thermal corridor” would help attract and retain local business, boost building permits, provide jobs, and generate tax revenues.

Seeing this transformational opportunity featured in the CEEP Plan is exciting and encouraging as it could bring low-carbon heating to more than 80 million square feet while creating a market for residual/waste heat that would usually be expelled into our atmosphere and waterways.

Hamilton has tremendous potential on the path to a decarbonized world - The Hamilton Advantage. This advantage will allow Hamilton to compete and win as a prosperous net-zero community with:



- ✓ An engaged and supportive council and citizenry that understands the need to act on a growing climate emergency;
- ✓ A diversified economy led in large part by a manufacturing cluster committed to decarbonization;
- ✓ An established district energy system;
- ✓ A vast industrial residual/waste heat renewable resource; and
- ✓ A growth trajectory that will create a viable energy innovation and investment market.

HCE is a champion of the CEEP Plan and is poised to contribute in many ways, including:

- ✓ Existing and growing integrated thermal energy networks,
- ✓ Local, regional and global partnerships in thought leadership as well as best practices,
- ✓ Leadership with its Energy Harvesting Project to use industrial / waste heat;
- ✓ A commitment to collaborate with the City Council and Staff to “ReCharge Hamilton” at a time of challenge and opportunity.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Inkley'. The signature is fluid and cursive, with a long, sweeping underline.

David Inkley,  
Vice President – Engineering & Development  
Hamilton Community Enterprises

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** FW: Form submission from: Request to Speak to Committee of Council Form  
**Date:** Tuesday, May 24, 2022 8:24:59 AM

---

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <[no-reply@hamilton.ca](mailto:no-reply@hamilton.ca)>  
Sent: May 21, 2022 7:53 AM  
To: [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Saturday, May 21, 2022 - 7:53am Submitted by anonymous user: 162.158.126.207 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? No

==Requestor Information==

Name of Organization (if applicable): Environment Hamilton  
Name of Individual: Lynda Lukasik  
Preferred Pronoun: She/Her  
Contact Number: [REDACTED]  
Email Address: [REDACTED]  
Mailing Address:  
[REDACTED]  
Reason(s) for delegation request: I am requesting delegation status to speak at the June 1st GIC meeting to Item 8.1 - Hamilton's Climate Change Action Strategy (PED22058/HSC22030) (City Wide).  
Will you be requesting funds from the City? No  
Will you be submitting a formal presentation? No

The results of this submission may be viewed at:  
<https://www.hamilton.ca/node/286/submission/617601>

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** FW: Form submission from: Request to Speak to Committee of Council Form  
**Date:** Tuesday, May 24, 2022 9:18:38 AM

---

FYI/Action

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <no-reply@hamilton.ca>  
Sent: May 24, 2022 9:16 AM  
To: clerk@hamilton.ca  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Tuesday, May 24, 2022 - 9:16am Submitted by anonymous user: 162.158.126.207 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? No

==Requestor Information==

Name of Organization (if applicable): Environment Hamilton  
Name of Individual: Ian Borsuk  
Preferred Pronoun:  
Contact Number: [REDACTED]  
Email Address: [REDACTED]  
Mailing Address: [REDACTED]  
Reason(s) for delegation request: I am requesting to delegate to the June 1st GIC on item 8.1 Hamilton's Climate Change Action Strategy.  
Will you be requesting funds from the City? No  
Will you be submitting a formal presentation? No

The results of this submission may be viewed at:  
<https://www.hamilton.ca/node/286/submission/618446>



**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** FW: Form submission from: Request to Speak to Committee of Council Form  
**Date:** Friday, May 27, 2022 8:35:26 AM

---

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <no-reply@hamilton.ca>  
Sent: Thursday, May 26, 2022 4:00 PM  
To: clerk@hamilton.ca  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Thursday, May 26, 2022 - 4:00pm Submitted by anonymous user: 172.70.175.198 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? Yes

==Requestor Information==

Name of Organization (if applicable): Hamilton Community  
Enterprises  
Name of Individual: Jeffrey Cowan  
Preferred Pronoun: He / Him  
Contact Number: [REDACTED]  
Email Address: [REDACTED]  
Mailing Address:

[REDACTED]

Reason(s) for delegation request: Delegation in support of  
Community Energy and Emissions Plan submission by City Staff  
Will you be requesting funds from the City? No  
Will you be submitting a formal presentation? No

The results of this submission may be viewed at:  
<https://www.hamilton.ca/node/286/submission/619596>

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** FW: Form submission from: Request to Speak to Committee of Council Form  
**Date:** Monday, May 30, 2022 8:45:16 AM

---

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <no-reply@hamilton.ca>  
Sent: Sunday, May 29, 2022 1:40 PM  
To: clerk@hamilton.ca  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Sunday, May 29, 2022 - 1:40pm Submitted by anonymous user: 162.158.126.207 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? No

==Requestor Information==

Name of Organization (if applicable):  
Name of Individual: Don McLean  
Preferred Pronoun: He/Him  
Contact Number: [REDACTED]  
Email Address: [REDACTED]  
Mailing Address: [REDACTED]  
Reason(s) for delegation request:  
Speak on Wednesday June 1 to item 8.1  
Hamilton's Climate Change Action Strategy (PED22058/HSC22030)  
(City Wide)  
Will you be requesting funds from the City? No  
Will you be submitting a formal presentation? No

The results of this submission may be viewed at:  
<https://www.hamilton.ca/node/286/submission/620336>

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** 06.6 Delegation Request FLYNN re Climate Change  
**Date:** Monday, May 30, 2022 3:25:54 PM

---

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <[no-reply@hamilton.ca](mailto:no-reply@hamilton.ca)>  
Sent: Monday, May 30, 2022 2:52 PM  
To: [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Monday, May 30, 2022 - 2:51pm Submitted by anonymous user: 172.70.135.156 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? No

==Requestor Information==

Name of Organization (if applicable): Centre for Climate Change  
Management at Mohawk College  
Name of Individual: Kate Flynn  
Preferred Pronoun: She  
Contact Number: 905-870-0154  
Email Address: [kate.flynn@mohawkcollege.ca](mailto:kate.flynn@mohawkcollege.ca)  
Mailing Address:  
135 Fennell Avenue West  
Hamilton, ON L9C 0E5  
Reason(s) for delegation request: Speaking to Item 8.1 Hamilton's  
Climate Action Strategy (PED 22053/HSC22030)  
Will you be requesting funds from the City? No  
Will you be submitting a formal presentation? Yes

The results of this submission may be viewed at:

<https://www.hamilton.ca/node/286/submission/620626>

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [Kolar, Loren](#)  
**Cc:** [Vernem, Christine](#)  
**Subject:** Delegation request for a future GIC Bozica staff vaccine mandate  
**Date:** Monday, May 30, 2022 11:52:47 AM

---

-----Original Message-----

From: City of Hamilton, Ontario, Canada via City of Hamilton, Ontario, Canada <no-reply@hamilton.ca>  
Sent: Monday, May 30, 2022 11:19 AM  
To: clerk@hamilton.ca  
Subject: Form submission from: Request to Speak to Committee of Council Form

Submitted on Monday, May 30, 2022 - 11:18am Submitted by anonymous user: 108.162.241.9 Submitted values are:

==Committee Requested==

Committee: General Issues Committee  
Will you be delegating in person or virtually? Virtually  
Will you be delegating via a pre-recorded video? Yes

==Requestor Information==

Name of Organization (if applicable):

Name of Individual: Bozica

Preferred Pronoun:

Contact Number: [REDACTED]

Email Address: [REDACTED]

Mailing Address: [REDACTED]

Reason(s) for delegation request: The City of hamilton workers unions have had to grieve the city of hamilton about the vaccine mandate. All those unions have spent alot of money on lawyers meaning that the vaccinated city workers are going to have less union money in the fund because the councillors only care about if they will be sued and have to pay for retro for paying when employee who is vaccinated loses the job. How about all the legal fees spent by unions that are costing the vaccinated city of employees. Should city of hamilton employees vote for councillors putting this vaccine mandate in place. Don't the vaccinated city workers realize they are paying for the incompetence of the city of hamilton councillors.

Will you be requesting funds from the City? No

Will you be submitting a formal presentation? Yes

The results of this submission may be viewed at:

<https://www.hamilton.ca/node/286/submission/620536>