

## REVISED

### Environmental Action Committee

**Date:** February 4, 2025  
**Time:** 9:30 AM  
**Location:** Online Video Conference

#### Members

Chair and Councillor Matt Mahoney	Ward 8
Vice-Chair and Councillor Stephen Dasko	Ward 1
Councillor Alvin Tedjo	Ward 2
Councillor Brad Butt	Ward 11
Prabhjit Banga	Citizen Member
Jihan Khatib	Citizen Member
Morgan Lee	Citizen Member
Karen Pawlowski	Citizen Member
Derek Stone	Citizen Member
Alice Casselman	Association for Canadian Educational Resources
Britt McKee	Ecosource
Melanie Kramer	Credit Valley Conservation
Jennifer Taves	Partners in Project Green
Tea Falzata	University of Toronto Mississauga Student

**To Request to Speak on Agenda Items** - Advance registration is required. To make a Deputation, please email Eglantina Bacaj-Gondia, Legislative Coordinator at [eglantina.bacaj-gondia@mississauga.ca](mailto:eglantina.bacaj-gondia@mississauga.ca) or call 905-615-3200 ext. 5378 no later than **February 3, 2025 before 12:00 PM**.

**Questions for Public Question Period** - To pre-register for Public Question Period, questions may be provided to the Legislative Coordinator at least 24 hours in advance of the meeting. **Due to the meeting being fully virtual, all virtual participants must pre-register.** Comments submitted will be considered as public information and entered into the public record.

**Virtual Participation** - All meetings of Environmental Action Committee are streamed live and archived at [Mississauga.ca/videos](https://www.mississauga.ca/videos). To speak during the virtual meeting or if you do not have access to the internet, contact the Legislative Coordinator and you will be provided with directions on how to participate. Comments submitted will be considered as public information and entered into the public record.

**Please note the Environmental Action Committee meeting will be streamed and a video will be posted afterwards.**

#### Contact

Eglantina Bacaj-Gondia, Legislative Coordinator, Legislative Services

905-615-3200 ext. 5378 | Email: [eglantina.bacaj-gondia@mississauga.ca](mailto:eglantina.bacaj-gondia@mississauga.ca)

**Find it Online** [mississauga.ca/council/committees/environmental-action-committee/](https://mississauga.ca/council/committees/environmental-action-committee/)

**An asterisk (\*) symbol indicates an Item that has been either Revised or Added**

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1. **CALL TO ORDER**

2. **INDIGENOUS LAND STATEMENT**

"We acknowledge the lands which constitute the present-day City of Mississauga as being part of the Treaty and Traditional Territory of the Mississaugas of the Credit First Nation, The Haudenosaunee Confederacy the Huron-Wendat and Wyandotte Nations. We recognize these peoples and their ancestors as peoples who inhabited these lands since time immemorial. The City of Mississauga is home to many global Indigenous Peoples.

As a municipality, the City of Mississauga is actively working towards reconciliation by confronting our past and our present, providing space for Indigenous peoples within their territory, to recognize and uphold their Treaty Rights and to support Indigenous Peoples. We formally recognize the Anishinaabe origins of our name and continue to make Mississauga a safe space for all Indigenous peoples."

3. **APPROVAL OF AGENDA**

4. **DECLARATION OF CONFLICT OF INTEREST**

5. **MINUTES OF PREVIOUS MEETING**

5.1 Environmental Action Committee Minutes – December 10, 2024

6. **PRESENTATIONS - Nil**

7. **DEPUTATIONS**

Any member of the public interested in making a deputation to an item listed on the agenda must register by calling 905-615-3200 ext. 5378 or by emailing [eglantina.bacaj-gondia@mississauga.ca](mailto:eglantina.bacaj-gondia@mississauga.ca) **by February 3, 2025 before 12:00 PM.**

Each Deputation to Committee is limited to speaking not more than 10 minutes.

Pursuant to Section 57.1 of the Council Procedure By-law 0044-2022, as amended:

Deputations shall be received and the matter shall be referred to staff for a report, unless there is a resolution or recommendation passed to "receive" the Deputation. After a Deputation is completed, Members shall each have one opportunity to make a preamble statement and ask questions to the Deputant(s) or staff for clarification purposes only, and without debate.

7.1 Carrah Bullock, Climate Change Specialist, Environment and Louis McCallum, Climate Change Specialist, Environment regarding EV Charging Fees

8. **PUBLIC QUESTION PERIOD - 15 Minute Limit**

**Public Comments:** Members of the Public that have a question about an item listed on the agenda may pre-register by contacting the Legislative Coordinator at least 24 hours in

advance of the meeting. **Due to the meeting being fully virtual, all virtual participants must pre-register.**

Pursuant to Section 58 of the Council Procedure By-law 0044-2022, as amended:

Environmental Action Committee may grant permission to a member of the public to ask a question of Environmental Action Committee, with the following provisions:

1. Questions may be submitted to the Clerk at least 24 hours prior to the meeting;
2. A person is limited to two (2) questions and must pertain specific item on the current agenda and the speaker will state which item the question is related to;
3. The total speaking time shall be five (5) minutes maximum, per speaker, unless extended by the Chair; and
4. Any response not provided at the meeting will be provided in the format of a written response.

**9. CONSENT AGENDA**

**10. MATTERS TO BE CONSIDERED**

10.1 Environmental Action Committee Work Plan dated January 2025

10.2 Upcoming Events (Environmental Action Committee Members, Verbal)

\*10.3 Introduction of Lily Bai, Peel Environmental Youth Alliance (PEYA) student representative (Verbal)

**11. INFORMATION ITEMS - Nil**

**12. OTHER BUSINESS**

**13. DATE OF NEXT MEETING - March 4, 2025**

**14. ADJOURNMENT**

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## Environmental Action Committee

**Date:** December 10, 2024  
**Time:** 9:33 AM  
**Location:** Council Chambers, Civic Centre, 2nd Floor  
300 City Centre Drive, Mississauga, Ontario, L5B 3C1  
and Online Video Conference

Members Present	Chair and Councillor Matt Mahoney	Ward 8
	Vice-Chair and Councillor Stephen Dasko	Ward 1
	Councillor Alvin Tedjo	Ward 2
	Councillor Brad Butt	Ward 11
	Jihan Khatib	Citizen Member
	Morgan Lee	Citizen Member
	Karen Pawlowski	Citizen Member
	Derek Stone	Citizen Member
	Alice Casselman	Association for Canadian Educational Resources
		Ecosource
	Britt McKee	Credit Valley Conservation
	Melanie Kramer ( <i>left at 10:33am</i> )	University of Toronto Mississauga Student
	Tea Falzata	
Members Absent	Prabhjit Banga	Citizen Member
	Jennifer Taves	Partners in Project Green

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### Staff

Dianne Zimmerman, Manager, Environment  
Eglantina Bacaj-Gondia, Legislative Coordinator

1. **CALL TO ORDER**

Councillor Mahoney, Chair called the meeting to order at 9:33AM.

2. **INDIGENOUS LAND STATEMENT**

Councillor Mahoney, Chair recited the Indigenous Land Statement.

3. **APPROVAL OF AGENDA**

Approved (D. Stone)

4. **DECLARATION OF CONFLICT OF INTEREST**

Nil

5. **MINUTES OF PREVIOUS MEETING**

5.1 Environmental Action Committee Minutes – October 1, 2024

Approved (Councillor S. Dasko)

6. **PRESENTATIONS - Nil**

7. **DEPUTATIONS**

7.1 Alice Casselman, Association for Canadian Educational Resources and Jonathan Brown, regarding Sky's the Limit hackathon, open data and blue roof technology

A. Casselman introduced J. Brown, who spoke to hackathons, open data, past events, and climate adaptation.

Rajni Gupta, Supervisor, GIS Data Management spoke to the Sky's the Limit hackathon event. A. Casselman commented and inquired about the hackathon and R. Gupta responded.

RECOMMENDATION EAC-0029-2024

Moved By Alice Casselman

That the deputation and associated presentation from Alice Casselman, Association for Canadian Educational Resources and Jonathan Brown, GIS Coordinator, Sustainable Cobourg and Director of Education, GO Open Data regarding Sky's the Limit hackathon, open data and blue roof technology, be received.

Received

7.2 Item 10.4 LJ Prabakaran, Environmental Outreach Coordinator and Jessica Hamilton, Coordinator, Sustainable Neighbourhoods, Credit Valley Conservation

L. Prabakaran and J. Hamilton spoke to the subject matter summarizing the SNAP model, highlighting the Cooksville neighbourhood, milestones, engagement, progress, and next steps.

Committee Members inquired about building capacity and tree plantings and L. Prabakaran responded with information regarding supporting local organizations and J. Hamilton spoke to enhancing and supporting tree growth monitoring.

RECOMMENDATION EAC-0030-2024

Moved By Derek Stone

That the deputation and associated presentation from LJ Prabakaran, Environmental Outreach Coordinator and Jessica Hamilton, Coordinator, Sustainable Neighbourhoods, Credit Valley Conservation regarding the Cooksville Sustainable Neighbourhood Action Plan, be received.

Received

7.3 Leya Barry, Supervisor, Climate Policy and Teresa Chan, Supervisor, Climate Change Programs regarding the Climate Change Action Plan 2024 Progress Update and Next Steps

L. Barry provided a summary of the October engagement session with the Environmental Action Committee, outlined next steps regarding scenario modeling and action planning, and spoke to the 2019 Climate Change Action Plan.

T. Chan spoke to the Climate Change Action Plan engagement timeline, phases, and launch of the Climate Lab.

Committee Members engaged in discussion, commenting and inquiring about district energy, retrofitting arenas, white roof low-rise buildings, and lessons from the 2019 Climate Change Action Plan. In response, L. Barry provided information regarding suitable structures for retrofitting and decarbonization, and opportunities for reducing energy load in facilities.

RECOMMENDATION EAC-0031-2024

Moved By Britt McKee

That the deputation and associated presentation from Leya Barry, Supervisor, Climate Policy and Teresa Chan, Supervisor, Climate Change Programs regarding the Climate Change Action Plan 2024 Progress Update and Next Steps, be received.

Received

7.4 Diane Gibson, Supervisor, Environmental Sustainability regarding Circular Economy Collaboration

D. Gibson spoke to the subject matter providing an update on the 2024 initiatives, implementation and governance advancement, and future initiatives.

Dianne Zimmerman, Manager, Environment spoke to the contributions of staff over the past year to the Environmental Action Committee and Councillor Mahoney reflected on and acknowledged the work of staff.

**RECOMMENDATION EAC-0032-2024**

Moved By Councillor Tedjo

That the deputation and associated presentation from Diane Gibson, Supervisor, Environmental Sustainability regarding Circular Economy Collaboration, be received.

Received

**8. PUBLIC QUESTION PERIOD - 15 Minute Limit - Nil**

**9. CONSENT AGENDA**

**RECOMMENDATION EAC-0033-2024**

Moved By Derek Stone

That the following items were approved on the consent agenda:

- Item 10.1 - Environmental Action Committee Work Plan dated November 2024
- Item 10.3 - 2025 Environmental Action Committee Meeting Dates

Approved

**10. MATTERS CONSIDERED**

**10.1 Environmental Action Committee Work Plan dated November 2024 (CONSENT)**

Councillor Mahoney, Chair noted that Committee Members may make a deputation to General Committee as part of the Environmental Action Committee yearly report to Council and interested members were advised to confirm with the Legislative Coordinator.

Councillor Mahoney, Chair spoke to the Youth Climate Corps endorsement request from July 2024 and noted an update will be provided at a future date.

**RECOMMENDATION EAC-0034-2024**

Moved By Derek Stone

That the Environmental Action Committee Work Plan dated November 2024, be approved.



Approved

10.2 Upcoming Events (Environmental Action Committee Members, Verbal)

No discussion took place regarding this item.

10.3 2025 Environmental Action Committee Meeting Dates (CONSENT)

RECOMMENDATION EAC-0035-2024

Moved By Derek Stone

That the memorandum dated October 3, 2024 from Eglantina Bacaj-Gondia, Legislative Coordinator, Legislative Services entitled "Environmental Action Committee 2025 Meeting Dates", be approved.

Approved

10.4 Cooksville Sustainable Neighbourhood Action Plan

This item was discussed and voted on during item 7.2

RECOMMENDATION EAC-0036-2024

Moved By Derek Stone

That the Environmental Action Committee endorse the Cooksville Sustainable Neighbourhood Action Plan.

Approved

11. **INFORMATION ITEMS - Nil**

12. **OTHER BUSINESS - Nil**

13. **DATE OF NEXT MEETING - February 4, 2025**

14. **ADJOURNMENT**

10:45AM (M. Lee)



# INTRODUCING EV CHARGING FEES

Environmental Action Committee (EAC)

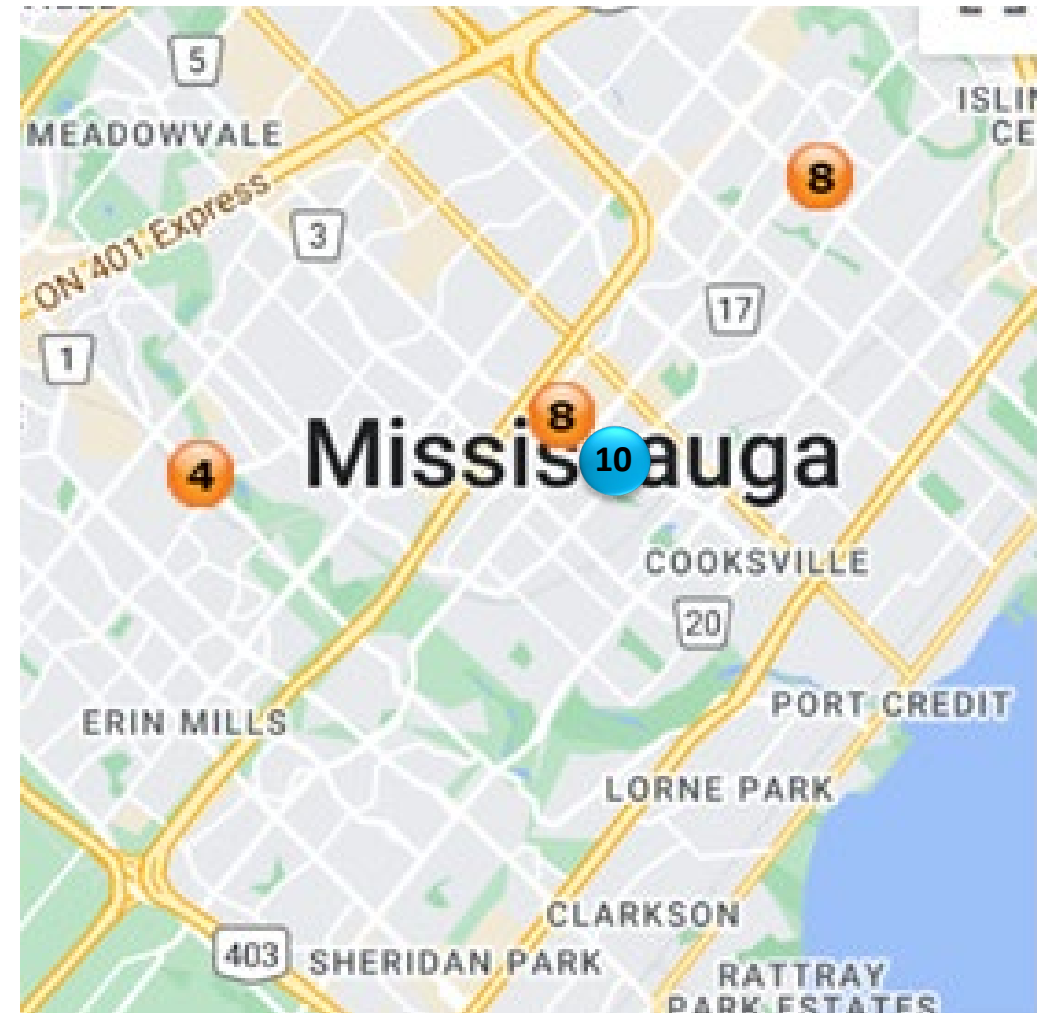
February 4, 2025

# BACKGROUND



# CURRENT STATE

- First public chargers installed on City property in 2021
- 30 Level 2 public chargers on City property
  - With more coming online in the future
- All of the City's public chargers are currently free to use
  - The City absorbs all capital and operating costs, including utilities
- Certain sites have ongoing issues with limited vehicle turnover (e.g. Central Library)



*City-Owned Public EV Chargers*

# **POLICY OVERVIEW AND DISCUSSION**



# OVERVIEW OF PROPOSED EV CHARGING FEE POLICY

## Purpose

This policy establishes the structure for EVCS user fees.\*

## Policy Statement

The City charges user fees for access to City-owned Electric Vehicle Charging Stations (EVCS). User fees are based on a cost-recovery model and are in addition to any charges for paid parking that may apply.

## Scope

This policy applies to all individuals who access/use publicly accessible City-owned EVCS.

\*Fees will be set out in the Traffic By-law 0555-2000 and the applicable User Fees and Charges By-law.



# EXCEPTIONS/EXCLUSIONS

This policy does not apply to:

1. The use of 120v electrical outlets (also known as Level 1 chargers).
2. Where a City-owned EVCS is used to charge City-owned or leased fleet vehicles.



# PROPOSED RATE STRUCTURES

## Consumption Based

- \$0.30/kwh
- 30 min grace period/buffer
- Idle fee \$5/hr during daytime. No idle fee overnight.
- 10hr time posted limit (\$125 ticket enforced)

## Hourly\*

- \$2/hr (no secondary fee)
- 10-hour posted time limit (\$125 ticket enforced)

*\*Only applies to locations where kw/h charging is not available*



# FEES IN PRACTICE

- \$0.30/kwh
- Idle fee \$5/hr during daytime. No idle fee overnight.
- 10hr time limit \$125 ticket enforced
- 30 min grace period/buffer

Daytime charge scenario :

- 4 hours = \$8.40 (approx. 28kw)
- 5 hours = \$10.50 (approx. 35kw)
- 8 hours = \$22.50 (approx. 35 kw)

Overnight charging scenario :

- Parking 10pm-8am = **\$10.50**

Employees\*: Exempt from idle fees

*Note: Employee rates would only apply at designated employee-only charging stations*

# CALCULATING FEE STRUCTURE

## **This includes:**

- Utility costs
- Maintenance plans
- Significant repairs
- Asset replacement
- Third party fees
- Service fees and cloud plans
- Staff time
- Taxes

## **Does not include:**

- Upfront capital
- Preventative maintenance

# WHY KWH/CONSUMPTION BASED



- Pay for the energy you consume
- Accommodates different speeds of charging, while maintaining a consistent pricing model
- Preferred by many EV users
- KW/H charging provides value for EV's that have a slower rate of charge (e.g. more equitable)
- Idle fee option (promotes turnover)
- Leadership and innovation

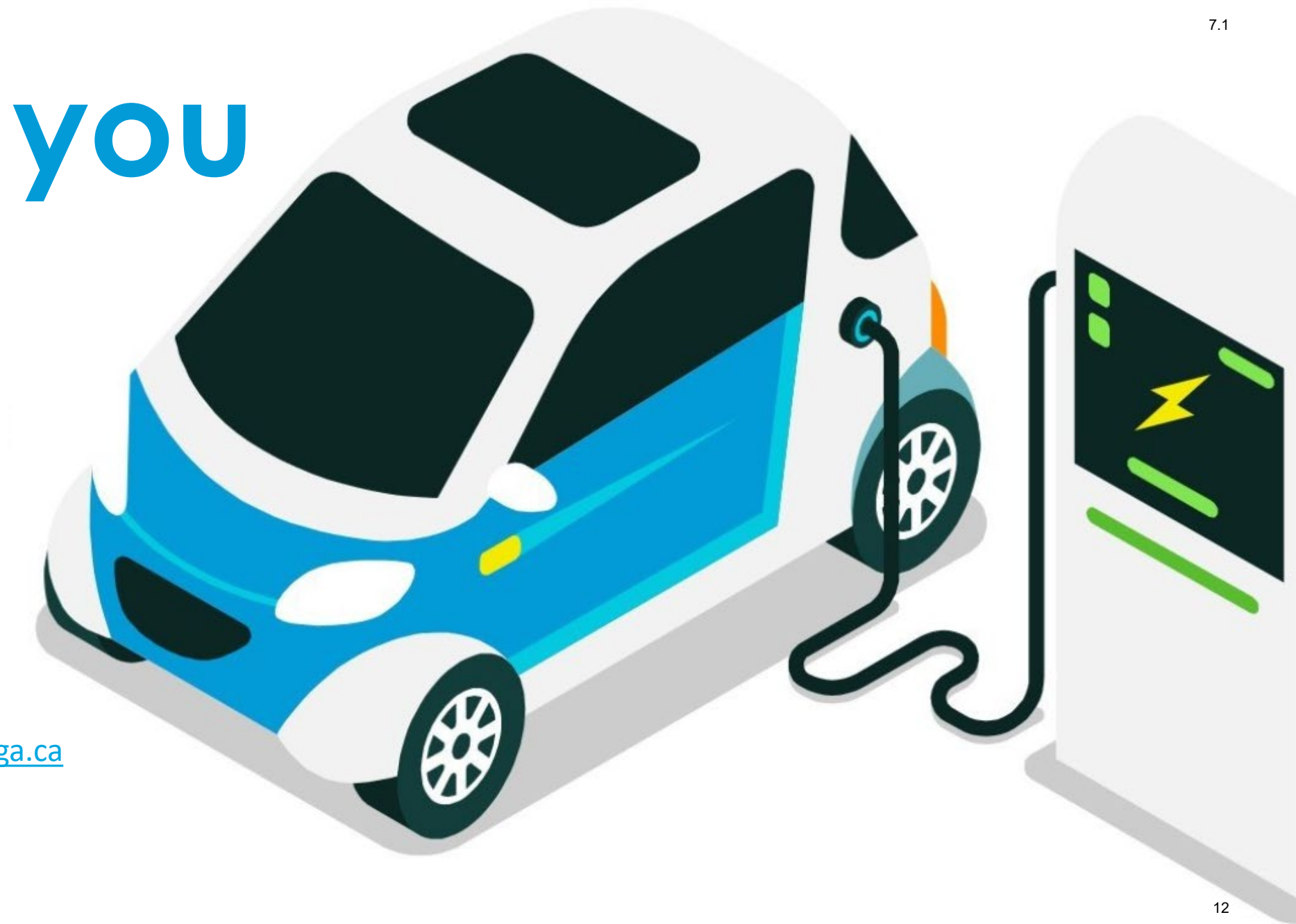
# NEXT STEPS

- Requesting Environmental Action Committee to endorse the EV Charging Fee Policy
- Going to General Committee February 19, 2025
- Anticipated effective date April 1, 2025
- Launch communications plan including public facing website and updated on-site signage

# Thank you

Louis McCallum  
EV Specialist

[Louis.mccallum@mississauga.ca](mailto:Louis.mccallum@mississauga.ca)



**2023-2026 Environmental Action Committee Work Plan  
as of January 2025**

Work Plan Item	Team	Primary Actions	Deputations	Date	Recommendation number	Future Action if required	Additional Comments
Climate Change	City staff	Present/depute climate-related work happening across the City from various divisions (e.g. climate change/environment, parks, planning and building, transit, energy management, active transportation, etc.) to raise awareness of City efforts					
	City staff	Present/depute actions that EAC members can take to reduce GHGs and make their communities more resilient					
	EAC members	Engage in work planning sessions, surveys and other engagement efforts of new City strategies and initiatives and provide feedback	Climate Change Action Plan update	1-Oct-24		Future surveys and workshop sessions for EAC input	October 1, 2024: City staff held the first engagement session with Committee Members
	EAC members	Present/depute ideas or related work of your organization that may advance climate action and provide opportunities for collaboration					
	EAC Councilors	Bring forward motions/ideas that advance climate actions					
	All	Identify external key speakers to present/depute at EAC about emerging trends, technologies and new policies	Jonathan Brown, Green Infrastructure Planner/Research & Policy Director, STEM-The-Tide regarding Digital Twin Solution for Green Infrastructure	5-Sep-23	EAC-0019-2023	Councillor Desko requested Stormwater staff to benchmark Cobourg and other municipalities regarding the Pilot Digital LID project and report back to the Committee	Update anticipated at future EAC meeting.
			Bushra Asghar, Youth Climate Corps organizer regarding the Youth Climate Corps Campaign	2-Jul-24	EAC-0016-2024		Environment staff to work with the Youth Climate Corps to obtain additional information regarding their request for endorsement for on-going commitment to climate action and the need for a Youth Climate Corps and to report back at a future Environmental Action Committee meeting.  August 2024: Staff met with Youth Climate Corps and are gathering information to be shared at a future date.  December 2024: Update regarding Youth Climate Corps endorsement request anticipated at future EAC meeting.
	All	Identify clear two-way communication and collaboration between EAC members and City staff to enhance communication and collaboration opportunities					
	EAC members	EAC members to share upcoming events and programs happening around the City to increase awareness and ability to participate/volunteer					
Circular Economy and Waste Management	City staff	Present/depute circular economy and waste related work to raise awareness of City efforts					
	City staff	Provide residential curbside Blue Box transition updates and offer increased education material for recycling categories to decrease contamination					
	City staff	Present/depute actions that EAC members can take to reduce waste at home and at work	Diane Gibson, Supervisor, Environmental Sustainability regarding the Indoor Wood Burning Equipment Education Summary	2-Jul-24	EAC-0018-2024		Staff to followup on the following: - In collaboration with select EAC Councilors, determine communication campaign on hazards of improper wood burning. - Review feasibility of education strategy for commercial businesses using wood burning. - Community mulching
	EAC members	Invite EAC members to engage in work planning sessions, surveys and other engagement efforts of new circular economy and waste-related City strategies and initiatives and provide feedback					
	All	EAC to plan a litter cleanup day/adopt a park/adopt a trail with support from City staff					
	All	Champion, promote and participate in local action on waste-related activities happening around Mississauga					
	All	Identify external key speakers to present/depute at EAC about emerging trends, technologies and new policies					
	EAC Councilors	Bring forward motions/ideas that advance circular economy and waste-related actions					
Report of Committee Progress	EAC members	Twice per year: memo to Mayor and Council or deputation at Council					Annual report / presentation anticipated at General Committee in February / March 2025
	Clerk/EAC Chair	Report back from Council decisions based on EAC endorsements and/or recommendations	See Columns D for ongoing Deputations and Column H for Additional Comments and Council decisions.				