



INTRODUCING EV CHARGING FEES

Environmental Action Committee (EAC)

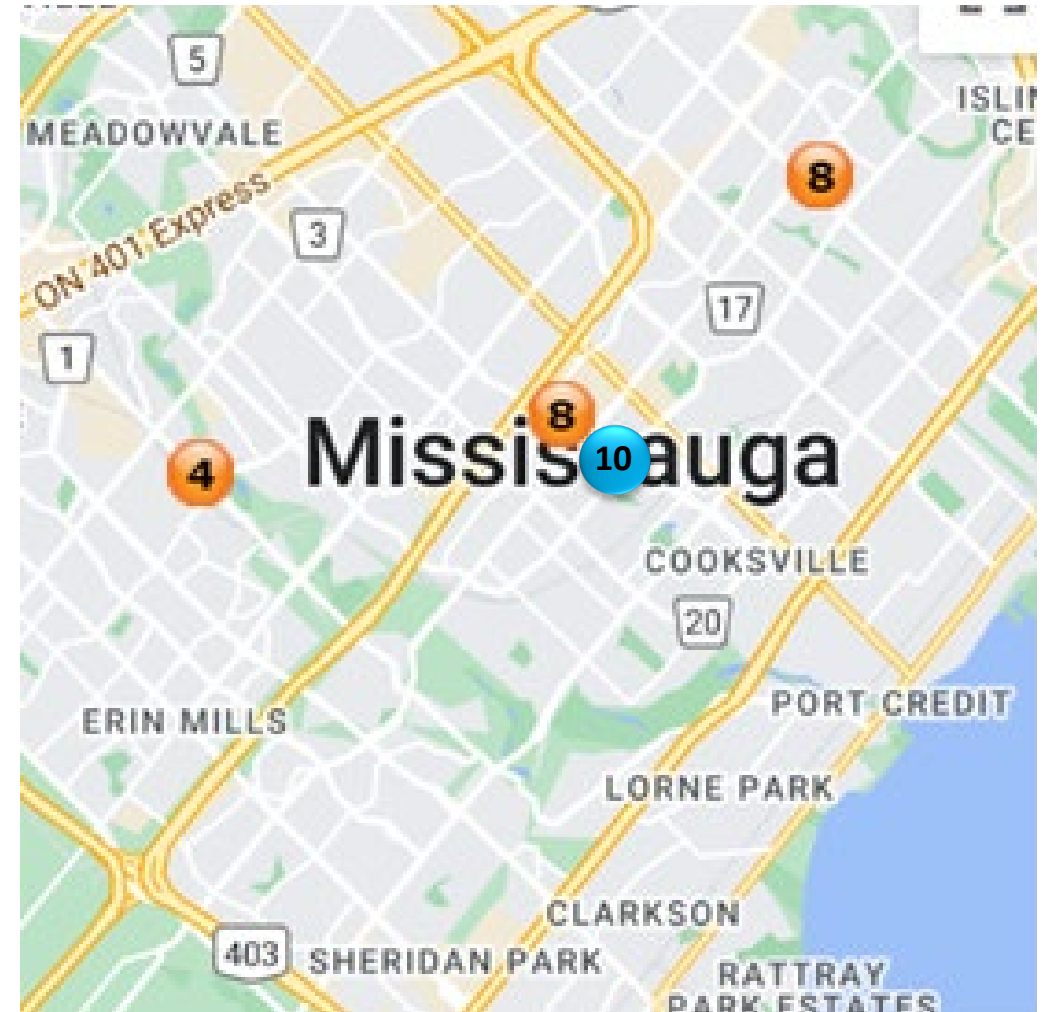
February 4, 2025

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



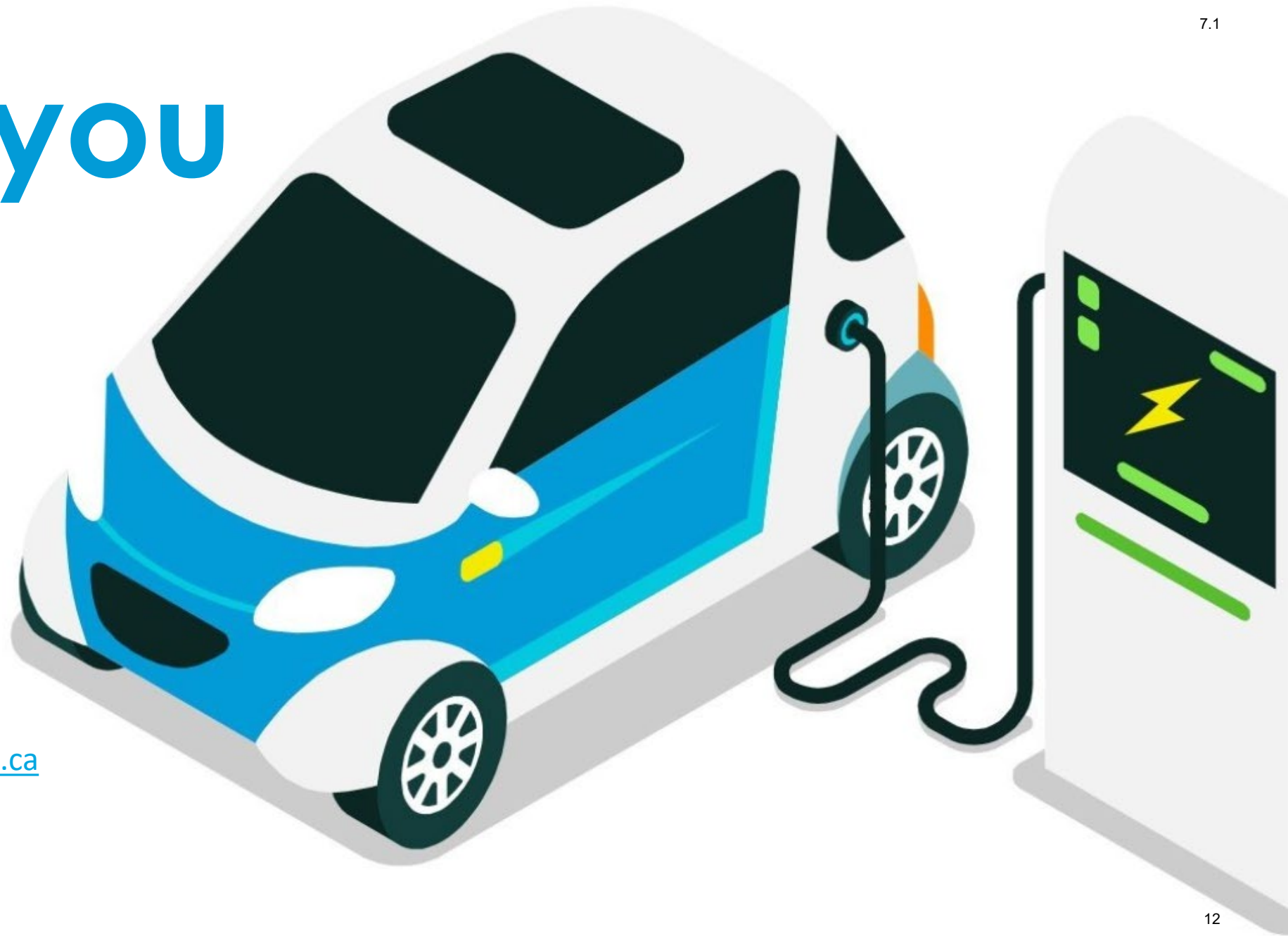
- Pay for the energy you consume
- Accommodates different speeds of charging, while maintaining a consistent pricing model
- Preferred by many EV users
- KW/H charging provides value for EV's that have a slower rate of charge (e.g. more equitable)
- Idle fee option (promotes turnover)
- Leadership and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



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