

# ELC + SME CONSORTIUM

## EV Station Fund Overview:

Incentives for EV Charging Stations across the GTHA

March 9<sup>th</sup>, 2022

**We respectfully acknowledge that we are situated on the Traditional Territories and Treaty Lands, in particular those of the Mississaugas of the Credit First Nation, as well as the Anishinaabe of the Williams Treaty First Nations, the Huron Wendat, the Haudenosaunee, and the Metis Nation.**

**As stewards of land and water resources within the Greater Toronto Region, Toronto and Region Conservation Authority appreciates and respects the history and diversity of the land and is grateful to have the opportunity to work and meet on this territory.**

[native-land.ca](http://native-land.ca)

- Where you are from
- Whose lands you are on/What lands know you
- Your intentions

Check out these resources:  
[www.yrnature.ca/acknowledging\\_land](http://www.yrnature.ca/acknowledging_land)

<https://edgeofthebush.ca/about/>  
[www.native-land.ca](http://www.native-land.ca)

**Text 1-855-917-5263 your City and Province to learn whose  
traditional territory you're on  
(standard text messaging rates may apply)**

# Today's Agenda

TIME	ACTIVITY
10:00 – 10:05 AM	<b>Introduction</b> <ul style="list-style-type: none"><li>• Matt Brunette, Partners in Project Green</li></ul>
10:05 – 10:50 AM	<b>EV Station Fund Overview:</b> <ul style="list-style-type: none"><li>• Simone Hacikyan &amp; Ian Klesmer, The Atmospheric Fund</li></ul>
10:50 – 11:00 AM	<b>Question &amp; Answer Period</b>

# Upcoming ELC Sessions

Date	Topic
March 15 <sup>th</sup>	<b>COVID-19 Ventilation Upgrades</b> <i>With Nerva Energy</i>
April 7 <sup>th</sup>	<b>Opportunities for Heat Recovery</b> <i>With Noventa Energy</i>
April TBD	<b>Solar for large commercial and industrial</b> <i>With Demand Renewables</i>
May TBD	<b>Building Controls</b> <i>With Siemens</i>
May 19 <sup>th</sup>	<b>Deep Energy Retrofits</b> <i>With Entuitive</i>

# Other News & Reminders!

## Industrial Energy Efficiency Program

- <https://www.ieso.ca/en/Sector-Participants/Engagement-Initiatives/Engagements/Industrial-Energy-Efficiency-Program>
- IESO is collecting feedback until March 10, 2022
- “Call for proposals” style of energy efficiency incentive program for large industrial entities
- First round of the IEEP is expected to launch in Spring 2022

## Low Carbon Economy Fund

- <https://www.canada.ca/en/environment-climate-change/services/climate-change/low-carbon-economy-fund/what-is-lcef.html>
- Accepting expressions of interest until March 25, 2022

## PPG New Website Launch coming up April 22!

- Launch will be a part of our Earth Day event (more details to come)
- Reminder to please provide updated logos (.eps or .png) if it has changed recently

# Introduction: The Atmospheric Fund



shacikyan@taf.ca

## **Simone Hacikyan**, EV Charging Program Manager

Simone leads TAF's EV Charging Program to incentivize and support installation of EV charging stations in the GTHA. Prior to joining TAF, Simone led the development of products and projects in the electric vehicle telematics space, which supported the transition of fleet vehicles from fossil fuels to electric. She has worked with partners and customers in government, utility, non-profit and private sectors to leverage data in promoting electrification. As a proud EV owner herself, she hopes to spread a love of EVs across the GTHA through TAF's programs.



iklesmer@taf.ca

## **Ian Klesmer**, Director, Strategy and Grants

Ian oversees TAF's granting program, working with community groups to develop and deliver grant projects that align with TAF's strategic priorities. Ian also plays a lead role in ensuring that TAF's overall strategy is implemented throughout the organization. He has worked in energy and climate policy both domestically and abroad and at all levels of government.

# EV Station Fund Overview:

Incentives for EV Charging Stations across the GTHA





# STATION FUND

*Charging the GTHA*

Ian Klesmer, Director, Strategy and Grants  
Simone Hacikyan, EV Charging Program Manager  
**The Atmospheric Fund**

March 9, 2022



## Agenda

# Today we'll talk about

- Introduction to TAF and the EV Station Fund
- Program Offering
- Market Opportunity
- How it works
- Q&A

About TAF

# We're helping the GTHA reach net zero.



The Atmospheric Fund invests in low-carbon solutions that benefit the Greater Toronto and Hamilton

Area and helps scale them up for broad implementation through financing, grants, and programs.

Why EV Charging

# To reach our climate targets we need to electrify how we get around. **Quickly.**

TAF has funding to support installation of EV charging stations in the GTHA.

Canada

Funding for this program was provided by Natural Resources Canada's Zero Emission

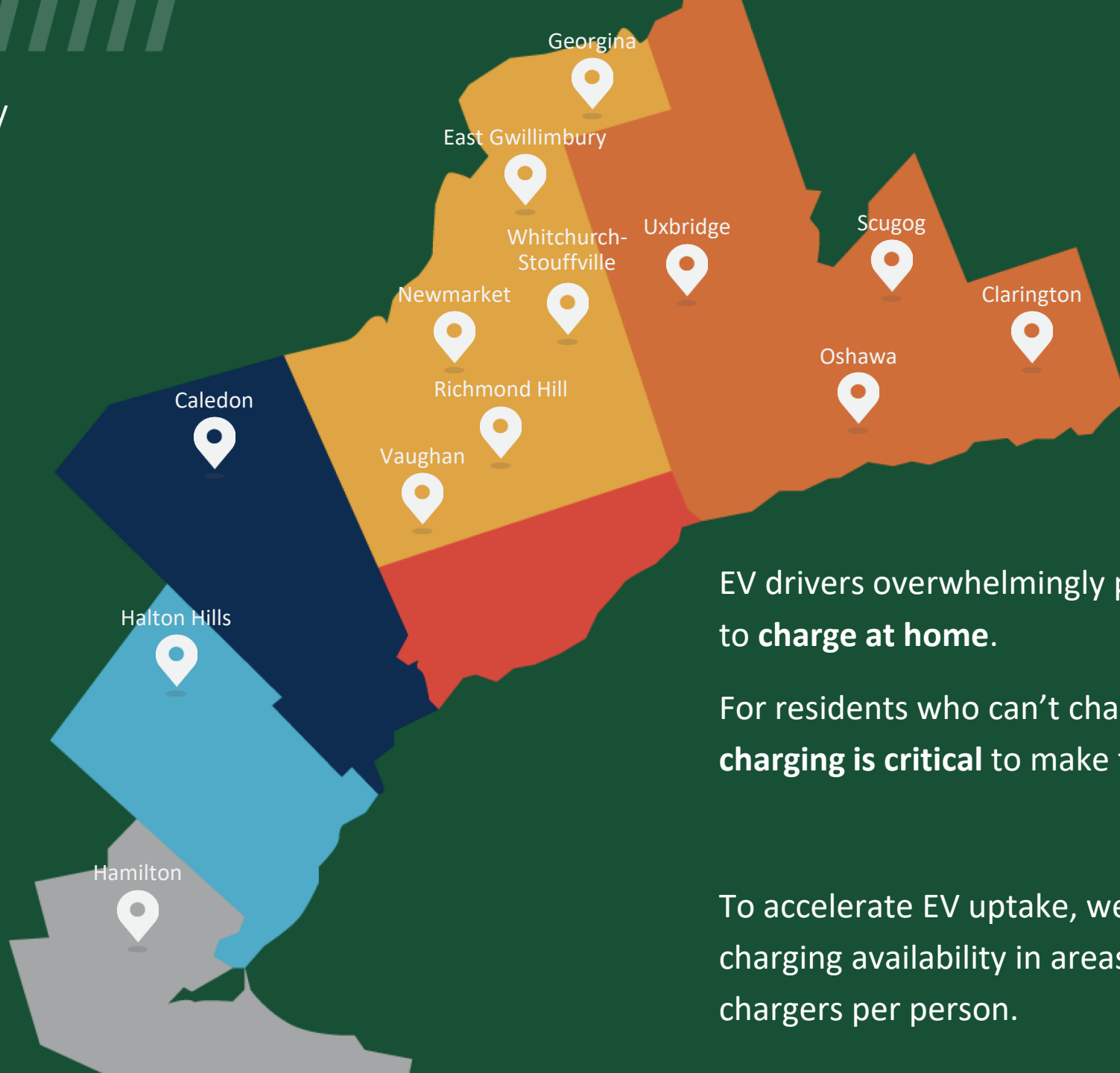
Vehicle Infrastructure Program (ZEVIP) and from TAF.

Program Goal

TAF is targeting the installation of  
300 chargers by end of 2023

By supporting installation through turnkey providers

## Market Opportunity



EV drivers overwhelmingly prefer to be able to **charge at home**.

For residents who can't charge at home, **public charging is critical** to make the switch.

To accelerate EV uptake, we're aiming to increase charging availability in areas with below average # of chargers per person.

Offering

# Receive rebates of up to 50% of your EV charger station installation cost.

Install up to 20 units across a single or multiple locations and receive a maximum of:

**\$5k**

per Level 2  
charging  
station

**\$15k**

per DC Fast  
charging  
station

**\$50k**

per DC Fast+  
charging station

Public Spaces

Take tangible action on  
your climate emergency  
declarations + local climate  
targets.

● Municipalities +  
Utilities

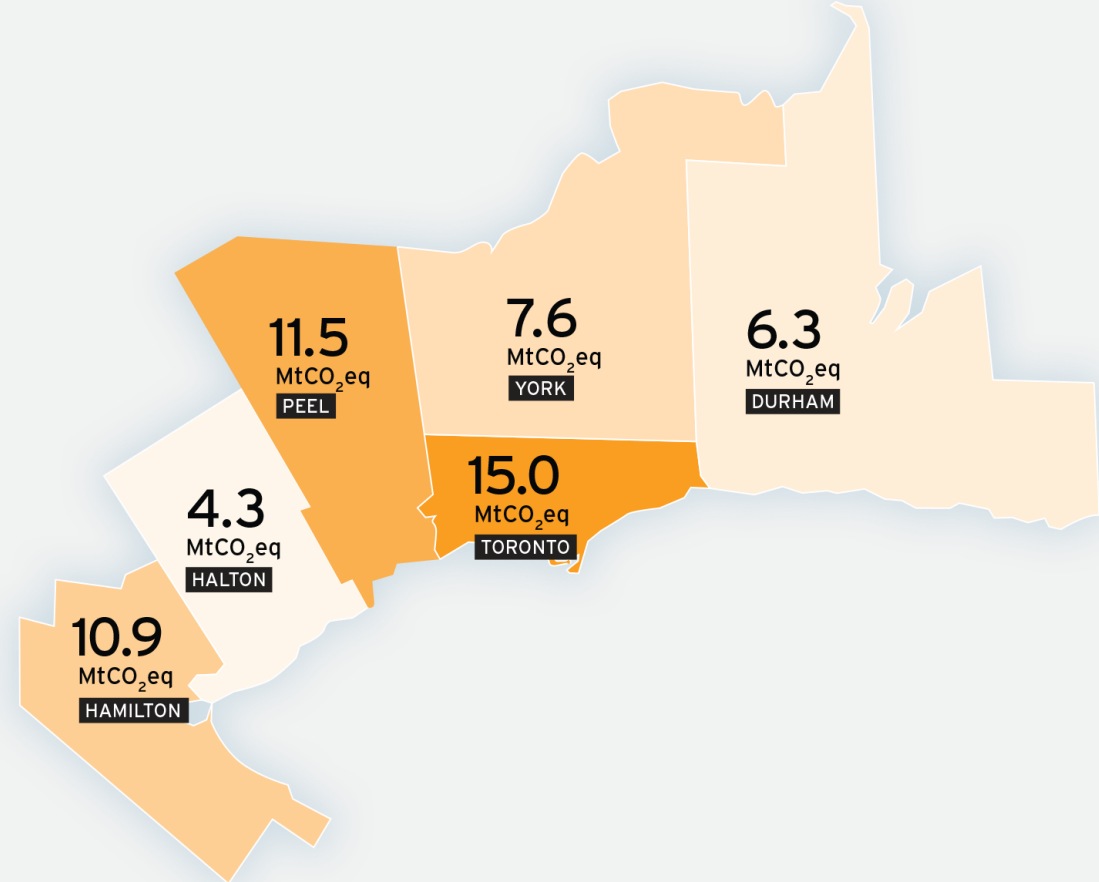




## Market Opportunity

# Charging in Public Spaces

- Help cut carbon emissions and noise pollution in your community
- Increase equitable access to charging across service areas
- Pilot now to develop best practices for larger rollouts
- Leverage funding from the EV Station Fund



Public Spaces

EV charging is inevitable.  
Funding should make it  
easier to get started.

● On Street

# EVs are inevitable

# 78%

of transportation emissions  
come from personal vehicles

# 68%

of people say their next car will be electric

EVs expected to  
reach price parity  
with gas-powered  
cars by

# 2025

# 44+

EV models currently  
available in Canada

# 17%

Increased foot traffic  
after charger  
installation



# 72%

of newly registered ZEVs were  
fully battery electric

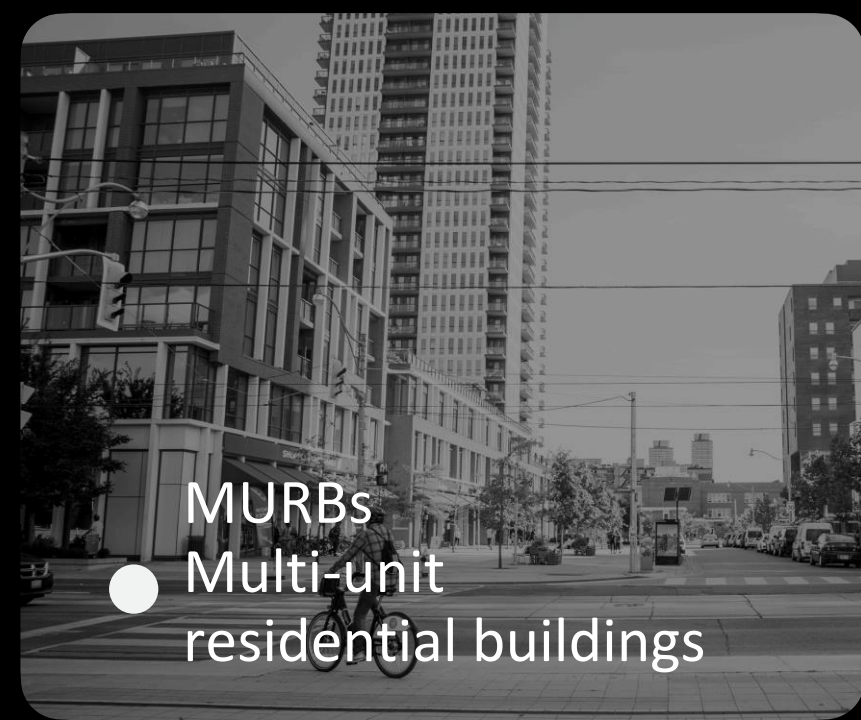


June 2020, Canada  
committed to  
mandating all new  
light-duty vehicle  
sales be EVs by  
2035.

Private Spaces

Add the amenities your employees, community, and customers expect.

● Retail



MURBs  
● Multi-unit residential buildings



● Workspaces

# Charging in Commercial parking and Workplaces

- Attract customers and encourage them to stay longer
- Stay competitive with the ever-growing number of workplaces that are EV-ready
- Increase property value
- Slow-drip of installations can be more expensive
- Leverage funding from the EV Station Fund

# How to get started

Questions to start thinking about...

- How many employees or customers might switch to EVs within 5 years if charging were available?
- Could a charging installation be combined with other building retrofits to reduce electricity usage?
- How could charging be rolled out over time to achieve 100% EV-readiness?

How it works

# Turnkey Service

Following an extensive sector review, TAF selected two installers based on their experience and reputation for customer support.

Each will help customers develop and execute the most suitable, cost-effective project from choosing the sites to planning for maintenance.

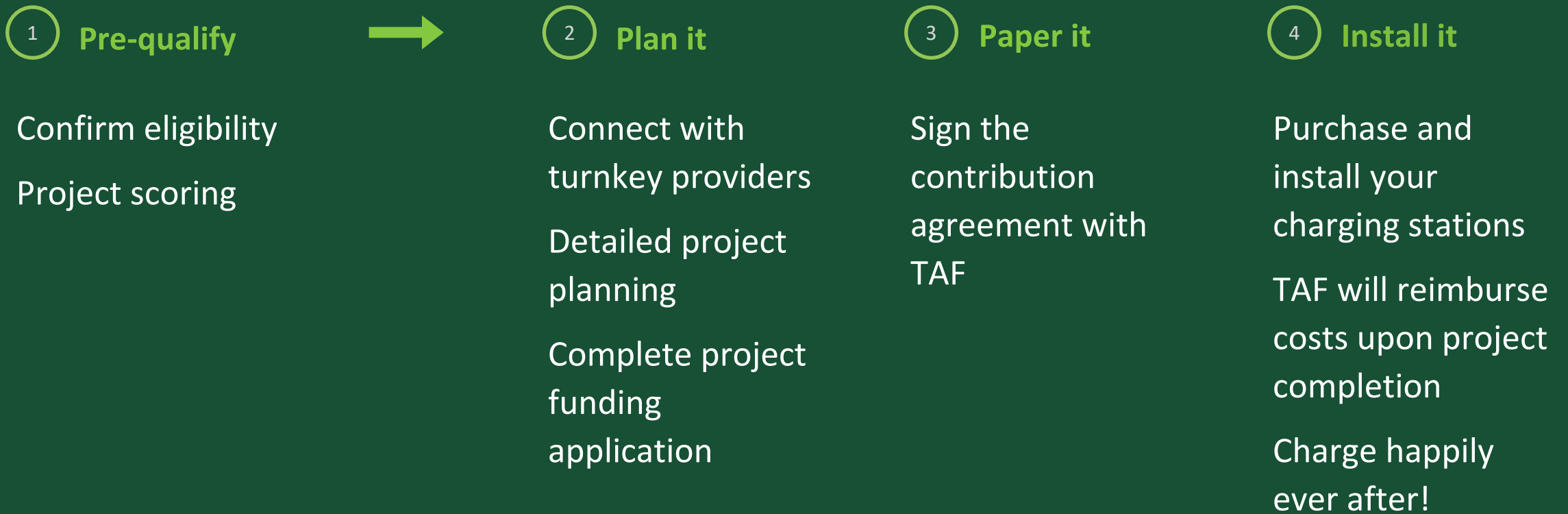
*Includes \$1,000 of funding /site towards an additional technical advisor.*



- 1 Investigate
- 2 Plan
- 3 Design
- 4 Implement
- 5 Build
- 6 Train

How it works

# A simple process





How it works

# Do you qualify?

- ✓ My project is within the Greater Toronto and Hamilton Area
- ✓ I represent an organization, and not an individual or federal agency
- ✓ I have the authority and budget to commission this project (in anticipation of rebates)
- ✓ My project site is either a MURB, Workplace, Public Parking Lot, or Public On-Street Parking.

Apply at [EV.TAF.ca](https://EV.TAF.ca)



# STATION FUND

*Thank you!*

Questions?

*Simone Hacikyan*

*EV Charging Program Manager*

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*ev.taf.ca*



**Thank You!**