

# EV ChargeON Program

*Supporting public charging infrastructure deployment in small and midsize communities*

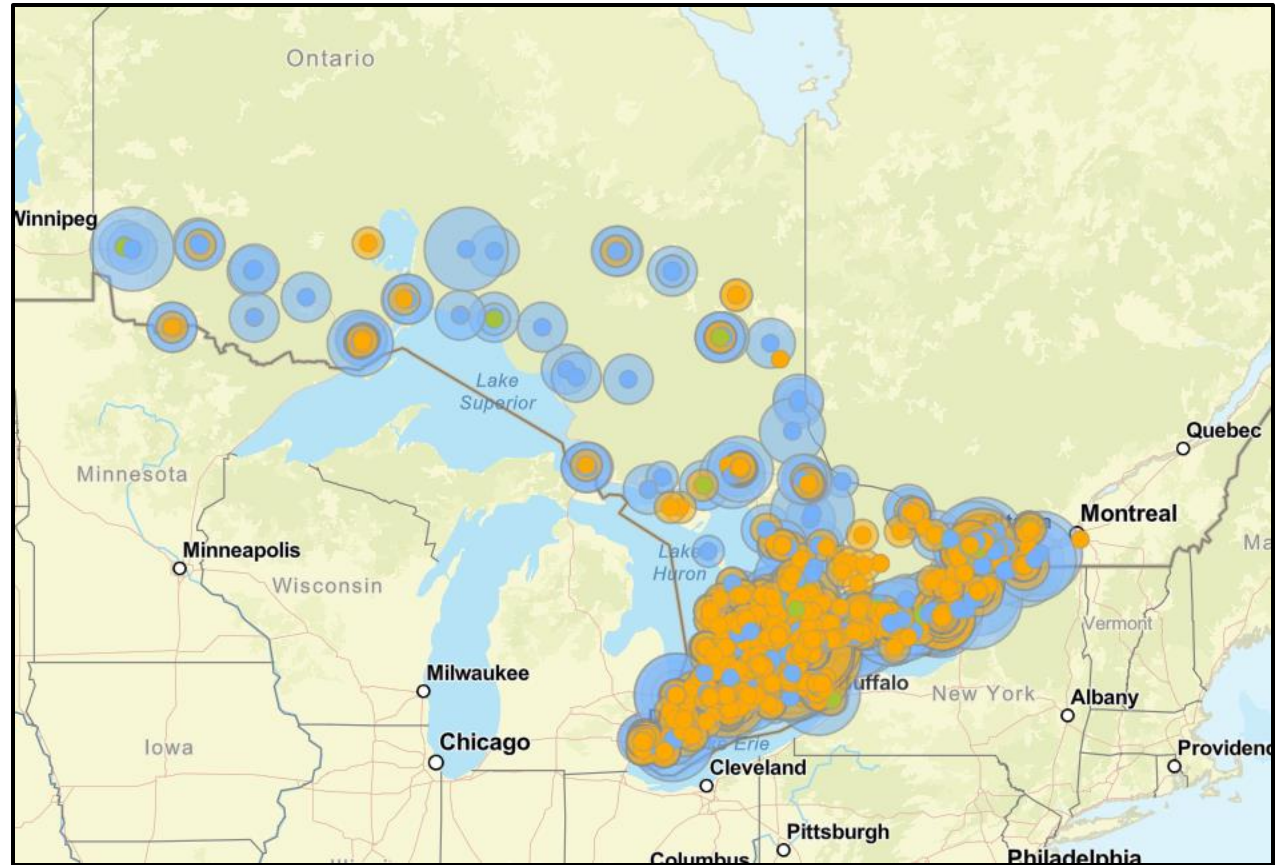
**Ontario Smart Mobility Readiness Forum, November 2, 2023**

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# Ontario's EV Charging Landscape

- As of October 2023, Ontario has ~ 3,000 public EV charging stations largely concentrated in urban settings in Southern Ontario.
- Rural areas of the province have 30% fewer public chargers per capita than urban areas.
- Approximately 45% of Ontario's broader provincial highway network is EV ready\* with most gaps in Northern Ontario

EV Chargers in Ontario, October 2023 (NRCan)



- L2 Charger
- L3 Charger
- L2 & L3 Charger

# What We've Heard: Challenges Facing Small, Rural, and Northern Communities



# EV ChargeON Program



- EV ChargeON is \$91 million investment to install public EV chargers for eligible businesses, municipalities, property owners, and other organizations in communities with less than 170,000 people.
- Ontario is also investing to improve public charging options at Ontario's highway rest areas, Ontario Parks, and carpool parking lots to build a more connected provincial charging network.

## Objectives



Increase the number of public EV charging stations throughout Ontario to build a more connected network



Provide support for EV infrastructure beyond Ontario's large urban centres



Encourage more people to switch to EVs

# Project Eligibility

## Who can apply?

- Organizations incorporated or registered in Ontario in the public or private sector.
- Businesses, not-for-profit corporations, municipalities, Indigenous communities and organizations, and broader public sector organizations.
- Must be a property owner or have written approval from the owner.
- Individuals and federal and provincial governments, along with their respective ministries, departments, entities, agencies, and Crown corporations are not eligible.
- Local distribution companies are not eligible to apply.

## Project Locations

- Project must be located within a community of 170,000 or less.
- Charging stations must be in Ontario and available to the public 24/7.
  - Chargers that are only for private / fleet use or used occasionally for the public are not eligible.

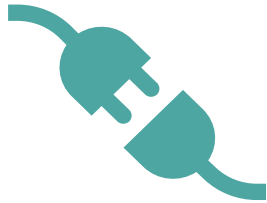
# Site Requirements



## Number of Ports:

Level 2 chargers require at least four ports.

Level 3 chargers need a minimum of one port if co-located with Level 2, or two ports if not co-located



## Eligible Ports:

Level 2 chargers require SAE J1772 connectors. Level 3 chargers require a minimum of 25% CCS connectors, with remainder being CCS, NACS or CHAdeMO



## Installation:

Comply with codes, done by licenced professionals, for new installations or expansions only



## Characteristics:

Chargers must be new, hard-wired, purchased (not leased), certified for use in Canada, commercially available, approved for sale for passenger vehicles, and operational for at least five years



## Payment:

Must include at least one payment method that doesn't require a charging network account, membership, or app



**Data & Connectivity:**  
Networked and compliant with Open Charge Point Protocol (version 1.6+)



## Accessibility:

Dedicated EV charging parking spaces conforming to local accessibility requirements

# Funding Available per Project

The following parameters will determine how much provincial funding your project is eligible for:

## Per-Project Percentage Cap:

- Municipalities and Indigenous communities and organizations: Up to 75% of total project cost.
- Other applicants: Up to 50% of total project cost.

## Per-Technology Level Cap:

- Refer to the provided chart to find the maximum dollar amount allowed for each charger type.

## Per-Project Total Funding Cap:

- The maximum provincial contribution per project is \$1 million.

**The provincial funding amount for your project will be the lesser of the following:**

- The percentage cap (either 75% or 50% depending on your applicant type).
- The technology cap based on your charger type from the chart.

## Per-technology level cap

Charger Type	Charger Output	Maximum funding for businesses, not-for-profit corporations, and broader public sector Applicants	Maximum Funding for Municipalities and Indigenous Applicants
Level 2	3.3 kW to 19 kW	Max \$5,000 per port	Max \$7,500 per port
Level 3	20 kW to 49 kW	Max \$15,000 per port	Max \$22,500 per port
Level 3	50 kW to 99 kW	Max \$50,000 per port	Max \$75,000 per port
Level 3	100 kW to 199 kW	Max \$75,000 per port	Max \$112,500 per port
Level 3	200 kW and above	Max \$100,000 per port	Max \$150,000 per port

# Application Evaluation

Projects will be scored on the following categories:

Geographic Location

Project Overview and Rationale

Project Activities and Timeline

Budget

Operations and Maintenance

Capacity to Deliver

User Amenities and Signage

Site and Technical Specifications



# EV ChargeON: A tailored program for communities outside large urban centres



# Installing Chargers at Highway Rest Stops, Provincial Parks, and Carpool Lots



# Closing thoughts: Thinking holistically about Ontario's EV-readiness



# Next Steps

- **October 20, 2023:** Application period opened, and program guide is released via Transfer Payment Ontario
- **October through January:** Additional outreach opportunities including and email support
- **January 31, 2024:** Application period closes at 5 pm EST
- **Winter/Spring 2024:** Projects announced

For questions about the program and application process, please email [evchargeon@ontario.ca](mailto:evchargeon@ontario.ca)  
or visit our [program webpage](#)