EV ChargeON Program

Supporting public charging infrastructure deployment in small and midsize communities

Ontario Smart Mobility Readiness Forum, November 2, 2023
Victoria Prouse, Senior Policy Advisor, Ontario Ministry of Transportation
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.

* MTO defines “EV ready” as having an EV charging station every ~80km.
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.
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

<table>
<thead>
<tr>
<th>Charger Type</th>
<th>Charger Output</th>
<th>Maximum funding for businesses, not-for-profit corporations, and broader public sector Applicants</th>
<th>Maximum Funding for Municipalities and Indigenous Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2</td>
<td>3.3 kW to 19 kW</td>
<td>Max $5,000 per port</td>
<td>Max $7,500 per port</td>
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<tr>
<td>Level 3</td>
<td>20 kW to 49 kW</td>
<td>Max $15,000 per port</td>
<td>Max $22,500 per port</td>
</tr>
<tr>
<td>Level 3</td>
<td>50 kW to 99 kW</td>
<td>Max $50,000 per port</td>
<td>Max $75,000 per port</td>
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<tr>
<td>Level 3</td>
<td>100 kW to 199 kW</td>
<td>Max $75,000 per port</td>
<td>Max $112,500 per port</td>
</tr>
<tr>
<td>Level 3</td>
<td>200 kW and above</td>
<td>Max $100,000 per port</td>
<td>Max $150,000 per port</td>
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</tbody>
</table>
## Application Evaluation

Projects will be scored on the following categories:

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<thead>
<tr>
<th>Category</th>
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<tr>
<td>Geographic Location</td>
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<tr>
<td>Project Overview and Rationale</td>
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<tr>
<td>Project Activities and Timeline</td>
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<tr>
<td>Budget</td>
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<td>Operations and Maintenance</td>
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<td>User Amenities and Signage</td>
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<td>Site and Technical Specifications</td>
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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 or visit our [program webpage](#)