

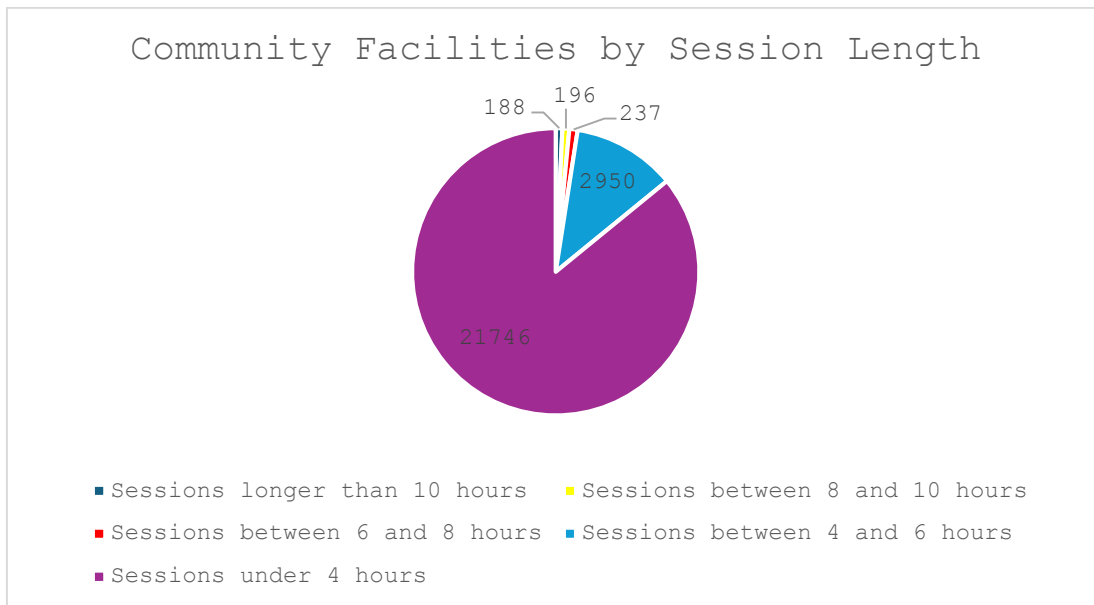
Additional Information on City Owned Electric Vehicle Charging Infrastructure

The following information was requested by the Downtown Parking Advisory Committee after the EV Charging Infrastructure presentation at the November 20, 2025, meeting.

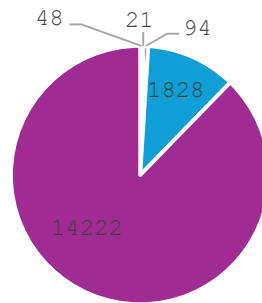
Number of Charges by Time of Day.

The following charts show session data from 2024 for both community and downtown facilities by length of session and if the charge was during the evening/night (6pm-9am) or the day (9am-6pm). Where the wedges are very small, they can be read from left to right: longer than 10 hours, between eight and 10 hours, and between six and eight hours.

Community Facilities

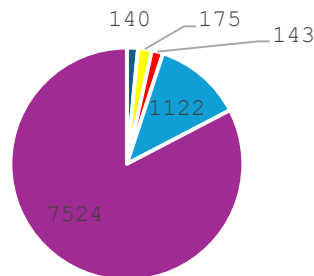


Community Facilities by Session
Length
(Day 9am-6pm)



- Sessions longer than 10 hours
- Sessions between 8 and 10 hours
- Sessions between 6 and 8 hours
- Sessions between 4 and 6 hours
- Sessions under 4 hours

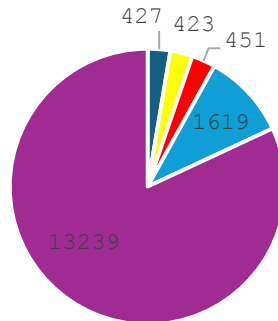
Community Facilities by Session
Length
(Night 6pm-9am)



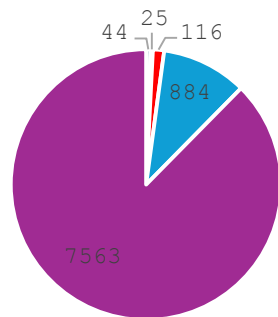
- Sessions longer than 10 hours
- Sessions between 8 and 10 hours
- Sessions between 6 and 8 hours
- Sessions between 4 and 6 hours
- Sessions under 4 hours

Downtown Facilities

Downtown Parking Lots by Session Length

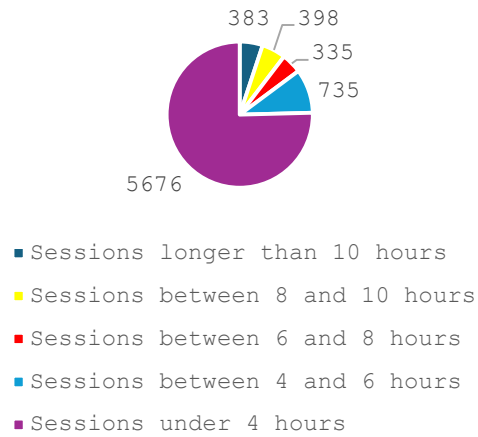


- Sessions longer than 10 hours
- Sessions between 8 and 10 hours
- Sessions between 6 and 8 hours
- Sessions between 4 and 6 hours
- Sessions under 4 hours

Downtown Parking Lots by Session Length
(Day 9am -6pm)

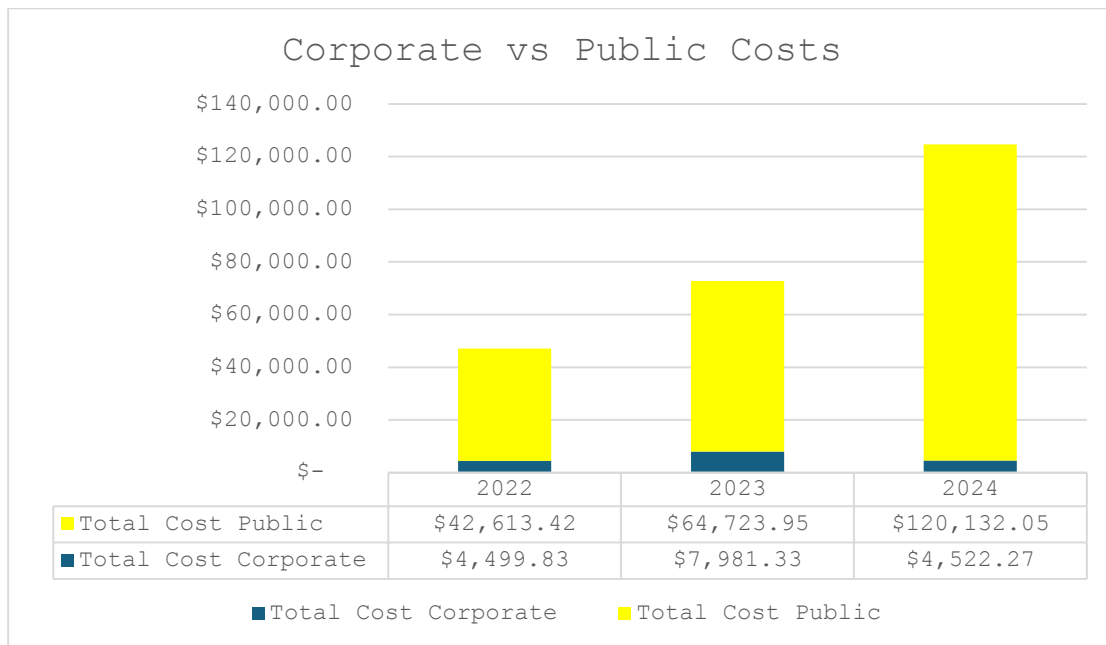
- Sessions longer than 10 hours
- Sessions between 8 and 10 hours
- Sessions between 6 and 8 hours
- Sessions between 4 and 6 hours
- Sessions under 4 hours

Downtown Parking Lots by Session Length (Night 6pm-9am)



Cost of Charging the City's Corporate Fleet.

Below are the cost differences between public charging and corporate fleet charging.



Revenue Projections

Below is a description of the fee schedule for Option 1 as well as revenue projections using 2024 data. We do expect usage patterns to change if fees are implemented; however, this does give a general idea of what could be collected.

Location based fee schedule

Introduce an hourly charging rate and subsequent penalty rate at City owned EV charging stations. The proposed rate for Level 2 chargers would be location-based (downtown core versus community facilities) and a third rate for level 3 chargers. Fees for each location and charging level would be as indicated in the chart below.

	Downtown Chargers	Community Facility Chargers	Level 3 Chargers
First 4 hours	\$2.00/hr.	\$1.50/hr.	\$10.00/hr.
After 4 hours	\$4.00/hr.	\$4.00/hr.	\$10.00/hr.

<u>Downtown Lots</u>		
Fees Collected <4 Hours	\$	65,188.00
Fees Collected >4 Hours	\$	33,290.00
Downtown Subtotal	\$	98,478.00
<u>Community Facilities</u>		
Fees Collected <4 Hours	\$	75,960.00
Fees Collected >4 Hours	\$	16,312.00
Community Facilities Subtotal	\$	92,272.00
Total Fees Collected	\$	190,750.00
10% administration fees (paid to ChargePoint)	\$	19,075.00
Net fees collected	\$	171,675.00

The net funds collected would be divided up and deposited back annually into the operating accounts where the electricity, annual fees and repairs are charged for the individual charging stations. If the stations generated more revenue than costs incurred, transferring those funds into reserve funds to support future expansion or capital replacement of the stations should be implemented.

Municipal Scan

Below are the 2025 charging rates for various municipalities across Ontario.

Municipality or Institution	Charging Rate	Secondary Charging Rate
City of Burlington	Free	N/A
City of Hamilton	\$1.00/hour	\$4.00/hour after 4 hours
Town of Oakville	\$1.50/hour	\$5.00/hour after 3 hours
Town of Halton Hills	\$2.00/hour	N/A
City of Mississauga (City Hall parking garage)	Free	N/A
City of Brampton	\$1.00	\$5.00/hour after 3 hours
City of Toronto – City Hall parking garage	Varies: Night 6pm – 7am \$6.00/session Day 7am – 6pm \$2.00/hour Level 3 charger: \$15/hour	N/A
Town of Ajax	\$1/hour	\$2.00/hour after 2 hours
Town of Whitby	\$1.50 activation fee \$1.50/hour Level 3 \$19/hour	\$4.00/hour after 3 hours
City of Oshawa	Free	N/A
City of Peterborough	\$1.50/hour Level 3: \$15/hour	N/A
City of London	\$2.00/hour	N/A

Municipality or Institution	Charging Rate	Secondary Charging Rate
City of Windsor	Free	N/A
Town of Orangeville	\$2.50/hour	N/A
Town of Aurora	\$2.50/hour	N/A
Town of Newmarket	\$2.83/hour	N/A
City of Barrie	\$3.00/hour	N/A
Town of Uxbridge	\$.25/kWh	N/A
City of Markham	\$3.00/hour	N/A
	Level 2 240V AC - \$1.90 / Hour	
City of Kingston	Level 2 208V AC - \$1.65 / Hour	N/A
	Level 3 \$21.35 / Hour	
Town of Caledon	\$1.00/hour for Level 2 and \$0.20/minute for Level 3	\$5.00/hour after 4 hours
City of Guelph	\$1.50/hour	N/A