

Attachment 7. Approach to Public Electric Vehicle (EV) Charging Update

SUMMARY

Following the adoption of the Approach to Public Electric Vehicle (EV) Charging to 2030 report ([2024.IE16.5](#)) by City Council on October 9, 2024, a new governance structure was established that provides Environment, Climate and Forestry (ECF) with strategic oversight related to the continued expansion of public EV charging, including its funding.

As directed by City Council, this attachment includes a progress report on each of the recommendations received in the 2024.IE16.5 report. It also includes a progress report on the recommendation received at the Toronto and East York Community Council meeting on September 18, 2025 ([2025.TE25.71](#)).

UPDATES ON PREVIOUS COUNCIL DIRECTIONS

City Council decision on item 2024.IE16.5 - October 9 and 10, 2024

Recommendation Status Definitions:

- Implemented / Ongoing – Recommendation was implemented and requires ongoing sustainment / refresh.
- Underway – Recommendation implementation is in progress.

Recommendation	Status
(2) City Council direct the Executive Director, Environment and Climate to develop and submit an annual public Electric Vehicle charging implementation and funding outlook for consideration as part of the annual City of Toronto Budget process.	Implemented / Ongoing: The 2025 10-year Capital Budget and Plan for Toronto Parking Authority (TPA) includes \$45.5 million in cash flow commitments for EV charging projects and represents the City’s capital funding to support the initial off-street EV charging expansion and to complement the capital investment provided by the Successful Proponent, under the terms of an agreement currently being negotiated. In 2026, \$2.4 million of the TPA’s EV charging expansion budget will be earmarked for the following: • contingency for locations falling outside of commercial requirements

Recommendation	Status
	under the proposed agreement, detailed in Recommendation 11 of this table, but within the City's Guiding Principles for EV siting per IE16.5, • investment in resources needed for on-going sustainment of EV charging program (due diligence on siting/ deployment/consultation/deliverables requirements), and • five on-street locations approved for deployment in 2026 (one location in Ward 11, one in Ward 18, and three in Ward 3).
(3) City Council direct the Executive Director, Environment and Climate to establish and coordinate a City Asset Delivery Group which will include the President, Toronto Parking Authority, the General Manager of Fleet Services, the Chief Executive Officer, Toronto Transit Commission, and the President, Toronto Hydro, and other Divisions, Agencies and Corporations as appropriate to support the development of an annual three-year rolling public Electric Vehicle charging installation and funding plan, and to monitor the availability of home, workplace, and public charging in Toronto in order to coordinate the distribution of complementary public charging infrastructure and identify opportunities to coordinate bulk purchases of Electric Vehicle charging equipment and technology.	Implemented / Ongoing: Group was established, including a Terms of Reference, and held its initial meeting on December 13, 2024 (quarterly meeting frequency since).
(4) City Council direct the Executive Director, Environment and Climate to	Implemented / Ongoing: Working Group was established and held

Recommendation	Status
work with City Divisions, Agencies and Corporations who manage City property, including Corporate Real Estate Management, Parks, Forestry and Recreation, the Toronto Transit Commission, the Toronto Public Library, CreateTO, Toronto Community Housing Corporation, Exhibition Place, Toronto Zoo, and TOLive, in collaboration with Toronto Parking Authority and Toronto Hydro, to identify opportunities to install Electric Vehicle chargers on City-owned public facing properties.	its initial meeting on January 16, 2025 (quarterly meeting frequency since).
(5) City Council direct the Executive Director, Environment and Climate Division and request the President, Toronto Parking Authority to establish a working group to share best practices and promote operational consistencies between how the City of Toronto and the Toronto Parking Authority operate and maintain their publicly accessible Electric Vehicle charging infrastructure, including with respect to branding, payment, wayfinding, and availability.	Implemented / Ongoing: City EV Charging Deployment Working Group was established in early 2022 and continued to meet through 2023. The Group reconvened in January 2025. (Monthly meeting frequency since).
(6) City Council direct the Executive Director, Environment and Climate Division to provide information to Toronto Hydro to help support Toronto Hydro's development of a communication plan that directs building owners, including homeowners, and tenants in Toronto to only contact Toronto Hydro for information and guidance on the installation of a private Electric Vehicle charger.	Implemented / Ongoing: Toronto Hydro's website has been updated to provide information to building owners on how to install a private electric vehicle charger. This includes launching a new peak load tool to assist residential customers with understanding their existing peak load and avoid service connection upgrades.
(7) City Council direct the Executive Director, Environment and Climate to request The Atmospheric Fund to	Implemented / Ongoing: In consultation with the City (ECF & TPA), The Atmospheric Fund (TAF) initiated the

Recommendation	Status
take the lead on engaging with public and private stakeholders and the development of an integrated, actionable, and resourced plan that complements the City-operated charging network to accelerate the rollout of public Electric Vehicle charging on non-City public and private sector properties and share information with The Atmospheric Fund to support the development of the plan.	development of a complementary EV Charging Action Plan that outlines specific actions needed to ensure the City's three-year funding plan around public electric vehicle charging is informed by public and private stakeholders, enabling strategic investment into the City-operated charging network (ECF, TPA & TAF meet monthly).
(8) City Council direct the Executive Director, Environment and Climate to provide information to the Toronto Parking Authority regarding City priorities for Electric Vehicle parking and charging, including information that could support the coordination of investments to meet city-wide needs.	Implemented / Ongoing: Under the new governance framework approved by Council in October 2024, Environment, Climate & Forestry and the Toronto Parking Authority continue to be engaged regarding City priorities for public EV charging planning and deployment.
(9) City Council direct the Executive Director, Environment and Climate to work with the General Manager, Transportation Services to investigate use of the established Transportation Innovation Zones and Transportation Innovation Challenge Program for trialing emerging Electric Vehicle charging technologies and processes, to advance understanding of the feasibility and effectiveness of different Electric Vehicle charging technologies in the city.	Underway: Environment, Climate & Forestry (ECF) and Transportation Services (TS) explored potential use of the established Transportation Innovation Zones (TIZ) and Transportation Innovation Challenge Program (TIC) for trialing emerging electric vehicle charging technologies and processes. The Divisions will consider possible timing for a TIC on this theme when resources are available.
(10) City Council direct the Executive Director, Environment and Climate, in consultation with Toronto Hydro and the General Manager, Transportation Services, to report back by the first quarter of 2025 on options for adjacent	Underway: Under the governance structure outlined in the Approaches to Public Charging report, ECF is developing the initial three-year city-wide electric vehicle charging installation and funding plan to be presented to City

Recommendation	Status
landowners to put publicly accessible, privately owned, building-connected chargers at the curb at no cost to the city, as in Boston, Los Angeles, Detroit, and San Francisco.	Council in the first quarter of 2026 for approval. As part of this work, ECF will work closely with Toronto Hydro and Transportation Services to assess the feasibility of a limited pilot that can evaluate options for curbside EV charging and its applicability within the initial three-year city-wide EV charging installation and funding plan. The evaluation will include options for addressing the above noted considerations, a grid capacity and regulatory assessment, and procurement options. In addition to expanding on-street charging options, it is anticipated that more opportunities to meet the needs of residents without access to private parking will be identified through the development of this plan including the use of existing parking assets that can be found in school parking lots, community centres, and public library parking lots.
(11) City Council direct the Executive Director, Environment and Climate to propose the initial three-year city-wide Electric Vehicle charging installation and funding plan to City Council by the fourth quarter of 2025 for approval.	Underway: Consistent with Attachment 1 of 2025.IE23.8, the initial three-year installation and funding plan will be presented to City Council in Q1 2026 following the approval of the major terms and conditions of a commercial agreement between the City of Toronto, TPA and Successful Proponent that will confirm the City's public electric vehicle charging delivery capabilities. Five on-street locations are currently approved for deployment in 2026 (one location in Ward 11, one in Ward 18, and three in Ward 3).

Recommendation	Status
(12) City Council direct the Executive Director, Environment and Climate to include a detailed progress report on each of these recommendations in the annual Net Zero progress report to City Council.	Completed

Community Council decision on item 2025.TE25.71 – September 18, 2025

Recommendation	Status
(1) Requested the Executive Director, Environment, Climate and Forestry to work with the Toronto Parking Authority and report back with recommended locations for Electric Vehicle chargers in East York, with a focus on the area near Coxwell Avenue and Mortimer Avenue.	Underway: To be addressed as part of the initial three-year installation and funding plan that will be presented to Council for approval in Q1 2026.