



## **Bulletin 4: Toronto Green Standard (TGS) Version 4.0 Electric Vehicle Infrastructure**

Tier 1 AQ 1.1 (Low-rise); Tier 1 & 2 AQ 1.2, 1.3 (Mid to High Rise and Non Residential); AQ 1.2 (City-owned Facilities)

**Issued March 10, 2022**

### **Scope**

City Council adopted updates to the parking standards in Zoning By-law Amendment 569-2013, as amended, on December 14, 15 and 16, 2021 ([PH29.3](#)). The updates were put into force through Council's enactment of [By-law 89-2022](#) on February 3, 2022.

**(1) Performance measures for Electric Vehicle Infrastructure are amended in Council approved TGS V4.0 (May 1, 2022) in accordance with Zoning By-law 569-2013, as amended, as follows:**

- **Tier 1 AQ 1.1 (Low-rise) is replaced with:**

Residential Uses:

1) For each dwelling unit with a residential parking space, provide an energized outlet or full Electric Vehicle Supply Equipment (EVSE) capable of providing Level 2 charging;

AND

2) In multi-unit apartments or townhomes with shared, common onsite residential parking spaces: each residential parking space, excluding visitor parking, shall include an adjacent energized outlet capable of providing Level 2 charging or higher to the parking space, either dedicated to the parking space or using an Energy Management System.

- **Tier 1 AQ 1.2 (Mid to High Rise and Non Residential) AND AQ 1.2 (City-owned Facilities) is replaced with:**

Residential and Non-residential Uses:

Parking spaces must be equipped with an energized outlet, which is clearly marked and identified for electric vehicle charging, in accordance with Zoning By-law 569-2013, as amended:

(A) all residential parking spaces provided for dwelling units located in an apartment building, mixed use building, multiple dwelling unit building, excluding visitor parking spaces, must include an energized outlet capable of providing Level 2 charging or higher to the parking space; and,

(B) in cases other than those set out in (A) above, 25 percent of the residential and non-residential parking spaces in a building must include an energized outlet capable of providing Level 2 charging or higher.

*Note: The requirements for AQ 1.2 may be implemented using any of the following strategies: dedicated electrical outlet, receptacle or EVSE supplied by a separate branch circuit or using Electric Vehicle Energy Management Systems (EVEMS) load sharing technologies, which allow multiple vehicles to charge on the same circuit reducing both power requirements and installation costs.*

**2) Specifications are added within the Toronto Green Standard V4; a technical guide is being developed to support the requirement.**

**3) Tier 2 AQ 1.3 (Mid to high Rise Residential) is deleted.**

**Transition:**

In accordance with Zoning By-law 569-2013, as amended, new Zoning By-law Amendment applications will be subject to the new EV charging requirements. This transition applies to new TGS Version 3 applications submitted on or after February 3, 2022. Contact Environmental Planning with questions [sustainablecity@toronto.ca](mailto:sustainablecity@toronto.ca).