

BY-LAW NO. 13075

A By-law to amend Parking By-law No. 6059 Regarding Updated EV Charging Infrastructure Requirements

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. This By-law amends the indicated provisions of the Parking By-law No. 6059.
2. In section 2, Council adds the following new definitions in the correct alphabetical order:
 - (a) **“DC Fast Charging** means electric vehicle supply equipment that supplies direct current (DC) power to a vehicle with an output voltage of 50-1000V and typically supplies output power between 25 and 400kW;” and
 - (b) **“Electric Vehicle Energy Management System** means a system used to control electric vehicle supply equipment loads through the process of connecting, disconnecting, increasing, or reducing electric power to the loads and consisting of any of the following: a monitor(s), communications equipment, a controller(s), a timer(s), and other applicable device(s);”.
3. Council strikes out section 4.14 and substitutes the following:

“4.14 Electric Vehicle Charging Infrastructure Requirements

4.14.1 Dwelling Uses

Where parking spaces are provided for dwelling uses, an energized outlet capable of providing Level 2 charging or higher must be installed in each parking space, excluding visitor parking spaces.

4.14.2 Non-Dwelling Uses (except Hotel and Bed and Breakfast Accommodation Uses)

Where parking spaces are provided for non-dwelling uses, except hotel and bed and breakfast accommodation uses, an energized outlet must be installed in at least 45% of the parking spaces provided, of which at least 5% of the total number of parking spaces provided, or two parking spaces, whichever is greater, must be capable of Level 2 charging or higher and may not implement an Electric Vehicle Energy Management System.

4.14.3 Hotel and Bed and Breakfast Accommodation Uses

Where parking spaces are provided for hotel or bed and breakfast accommodation uses, an energized outlet capable of providing Level 2 charging or higher must be installed in each parking space.

4.14.4 Other Requirements

In addition to the requirements set out in sections 4.14.1, 4.14.2, and 4.14.3:

- (a) for dwelling uses, and hotel and bed and breakfast accommodation uses, electric vehicle supply equipment must be installed in each shared vehicle parking space provided; and
- (b) for non-dwelling uses, except hotel and bed and breakfast accommodation uses:
 - (i) an energized outlet capable of providing Level 2 charging or higher and electric vehicle supply equipment must be installed in each shared vehicle parking space provided, and
 - (ii) an energized outlet capable of providing Level 2 charging or higher must be installed in at least 45% of all accessible parking spaces provided, or one accessible parking space, whichever is greater.

4.14.5 Energized outlets must be labeled for their intended use for electric vehicle charging, and installed in conformance with Sentence 10.3.1.1.(1) of Division B of the Building By-law.

4.14.6 The number of energized outlets required for non-dwelling uses under sections 4.14.2 and 4.14.3 may be reduced by substituting energized outlets capable of providing DC fast charging, if the total electrical capacity provided by the DC fast charging outlets meets or exceeds the total electrical capacity that would be provided by the energized outlets required under sections 4.14.2 and 4.14.3.

4.14.7 If a development contains parking for more than one of the uses listed in sections 4.14.1 through 4.14.3, the parking spaces provided for each use must meet the energized outlet requirements for that use.”.

4. A decision by a court that any part of this By-law is illegal, void, or unenforceable severs that part from this By-law, and is not to affect the balance of this By-law.

5. This By-law is to come into force and take effect on June 1, 2022.

ENACTED by Council this 20th day of July, 2021

Signed _____ “Kennedy Stewart”
Mayor

Signed _____ “Katrina Leckovic”
City Clerk