

# Electrical (EV) Charging Requirements for New Non-Residential Development

The purpose of this information guide is to notify owners, designers, and contractors of the new requirement for Electrical Vehicle charging requirements for new non-residential developments.

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*"This information is provided for convenience only and is not in substitution of applicable City Bylaws or Provincial or Federal Codes or laws. You must satisfy yourself that any existing or proposed construction or other works complies with such Bylaws, Codes or other laws."*

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Effective 2024 July 08, the City amended the Zoning Bylaw No. 4742 to require a minimum of 45% of parking spaces required for new non-residential development shall provide an energized outlet capable of providing Level 2 or higher charging level for an electric vehicle in accordance with the following:

- a minimum of 35% of parking spaces (excluding shared vehicle organization spaces) with or without an electric vehicle energy management system;
- a minimum of 10% of parking spaces or one parking space (excluding shared vehicle organization parking spaces), whichever is greater, without an electric vehicle energy management system;
- 100% of all accessible parking spaces with or without electric vehicle energy management system;
- 100% of all shared vehicle organization parking spaces, with or without electric vehicle energy management system, including a minimum of one (1) parking space with electric vehicle supply equipment.

The requirement does not apply to developments that have applied for a building permit or preliminary plan approval or have an active rezoning application that advanced past 'First Reading' prior to 2024 July 08. It also does not apply to new parking spaces for existing non-residential uses.

The location of all EV charging outlets shall be indicated on the drawings submitted for the building permit. Building permit applications shall also include electrical drawings of the EV charging system, signed and sealed by a professional engineer. Each energized outlet must be labelled for its intended use.

For details of EV charging requirements, please refer to the "Burnaby Electric Vehicle (EV) Charging Infrastructure Technical Bulletin" available online at [www.burnaby.ca/ev](http://www.burnaby.ca/ev)

If you have any questions, please contact the Building Division at 604-294-7130 or [building@burnaby.ca](mailto:building@burnaby.ca).