

Electric Vehicle Readiness Requirements for New Houses

What is new:

On January 7, 2019, Abbotsford City Council approved Council Report PDS 004-2019 which endorsed moving forward with making new houses to be ready for Electric Vehicles (EV).

On June 27, 2022, Abbotsford City Council adopted Bylaw No. 3249-2022, "Abbotsford Zoning Bylaw, 2014, Amendment Bylaw No. 432" adding the requirement for Electric Vehicle charging infrastructure to be provided for all new single family dwellings.

Implementation:

Building permits applied for on or after June 27, 2022 will be required to provide the following prior to framing inspection:

- The electric panel should be located in the garage to minimize length of the conduit;
- The electrical supply shall provide a minimum 40 Amp circuit to accommodate a level 2 charging capacity (240V);
- A raceway or conduit (with drawstrings) of minimum ¾" shall be installed from the electrical panel to a location that will be convenient to install a level 2 charging or higher energized outlet for future electric vehicles;
- One energized outlet capable of providing level 2 charging or higher shall be provided; and
- Energized outlets shall be labelled for the use of Electric Vehicle charging.

The permit drawings submitted shall have the notes added to indicate EV ready compliance.

Please note this requirement is for new single family dwellings only.

The City is reviewing an overall EV Compliance Strategy and may change the requirements for new and existing buildings upon the review.

Additional Information:

- [BC Energy Step Code Requirements for Part 9 Buildings](#)
- [BC Energy Step Code Requirements for Part 3 Buildings](#)
- [BC Codes Technical Bulletins](#)
- [Electric Vehicle Technical Bulletin](#)