



# THE EV READY APPROACH PROGRAM GUIDE

The EV Ready Approach program pathway provides two rebates to support the installation of electric vehicle (EV) charging stations within multi-unit residential buildings (MURBs).

The EV Ready Plan Rebate requires participants to undertake a detailed study in order to develop an EV Ready Plan for their building. Once the EV Ready Plan is completed, participants can use the EV Ready Charger Rebate to fund help fund the installation of charging stations according to their EV Ready Plan.

## What does EV Ready mean?

A building that is 'EV Ready' has an electrical connection installed for each resident's parking space, allowing the residents a fair and quick process to install an EV charging station at any time, if they purchase an electric vehicle.

## What is an EV Ready Plan?

The EV Ready Plan is a strategy to guide your initial charging infrastructure investments in a smart, cost-effective manner, and enables the building to achieve EV Ready in time. It helps ensure your initial charging infrastructure is future-proofed to meet long-term charging needs.

## Who can create an EV Ready Plan?

An EV Ready Plan can be created by a consultant selected from Efficiency Nova Scotia's Preferred Partner (EPP) Network. Your consultant will develop a plan that is approved and stamped by a registered professional engineer (P.Eng) stating the plan complies with the program requirements, relevant codes, standards and bylaws.

## Who can take part in the EV Ready Approach?

- a. Any existing or new construction multi-unit residential building (MURB) in Nova Scotia with four or more units are eligible.
- b. Applications must come from building representatives with legal signing authority for the building, including the owner(s), the condo board, or other authorized representatives. Residents of an eligible building who are interested in participating in the rebate program should work with their building representative.
- c. An approved **EV Ready Plan** is required to apply for the **EV Ready Charger Rebate**.
- d. Charging stations must be primarily for use by the building tenants. They cannot be used for public charging, fleet charging, or other non-residential charging. Charging stations installed for use in short-term rental units are not eligible.

## What are the program requirements?

Pre-approval from Efficiency Nova Scotia is required prior to the applicant incurring costs for consulting, contractor services, or purchasing and installation of eligible products. Project costs incurred by the applicant prior to receiving pre-approval may not be eligible for rebates.

The **EV Ready Plan** shall provide details for an EV charging system that:

- Includes a minimum of one EV Ready parking space per residential unit for an existing building. For new construction buildings, all residential parking spaces must be EV Ready.
- Will provide adequate charging performance for each EV Ready parking space as determined through a charging performance assessment. Each EV Ready parking space should provide a minimum of 1.9 kW continuously or 15.2 kWh over an eight-hour overnight period. The building owner may select a higher charging performance based on the assessment or desire for higher performance.
- Optimizes the use of Electric Vehicle Energy Management Systems (EVEMS) or 'load management', and/or other technology or design approach to meet the charging performance and also:
  - Minimize the electrical demand (kW) of the EV charging system
  - Minimize electrical infrastructure and service upgrade costs for the EV charging system.
- Ensures each EV Ready parking space is:
  - On the same electrical tariff
  - Provided with the same electrical capacity
  - Connected on a shared power supply (such as the building's common area power, or similar type of shared supply).

An EV Ready Plan should achieve all these objectives to qualify for a rebate. Some existing buildings may have factors that make it unfeasible to achieve all program requirements. An EV Ready Plan that does not meet all requirements may still qualify for a rebate, provided the EV Ready Plan identifies requirements that are not achieved, provides an explanation why, and demonstrates that meeting the requirement is not feasible.

- **EV Ready Charger Rebate**

- The charging station(s) and charging network must be installed according to the EV Ready Plan.
- Only EV charging network service providers and their corresponding approved level 2 charging stations listed on our [eligible product list](#) qualify for rebates.
- Charging station(s) must be purchased for new installation or expansion to an existing installation. Permanent installation is required. Replacement of an existing station does not qualify for a rebate.
- The charging station(s) must be connected on the network and remain networked for a minimum of two years.
- The charging station(s) must be installed by a certified electrician and requires an electrical permit.

## EV Ready Plan and EV Ready Charger Rebates

	EV Ready Plan Rebate	EV Ready Charger Rebate
<b>Existing Building</b>	75% of eligible costs, up to \$4,000 One EV Ready Plan per building	50% of eligible costs up to \$3,000 per charger Max \$15,000 per building
<b>New Construction</b>	75% of eligible costs, up to \$3,000 One EV Ready Plan per building	50% of eligible costs up to \$2,000 per charger Max \$10,000 per building

- A building is limited to a maximum of \$19,000 in total rebates from the EV Ready Approach (any combination of the EV Charger, the EV Ready Plan, and EV Ready Charger rebates).
- Rebates can only be paid directly to the applicant.
- The Efficiency Nova Scotia rebate may be stacked with funding from other organizations; Efficiency Nova Scotia reserves the right to limit its rebate amount such that the total combined rebate from all funding sources does not exceed 100% of the project costs.

For the **EV Ready Charger Rebate**:

- Single port stations count as one charging station. Dual port stations that can provide charging for two EV simultaneously count as two stations.
- Applicants may apply for additional rebates when they install additional charging stations at the building in the future, however the total combined rebate amount for one building will be capped at the maximum incentive limit.

## Costs that are eligible for rebates

**EV Ready Plan Rebate costs** that are eligible include:

- All costs from consultant to develop the EV Ready Plan.

**EV Ready Charger Rebate costs** that are eligible include:

- The purchase of eligible charging stations from the [eligible product list](#).
- Purchase of EV charging network service from the eligible product list, and annual connection fees (up to a maximum of two years can be included).
- Electrical permit(s).
- All labor and services performed by a certified electrician related to preparing the building and installing the charging stations, including the site assessment.
- Other costs for equipment and materials required to complete the project including conduit, wiring, charging cable management, pedestals, stands, brackets, and signage.

*Sales taxes are not eligible for rebates.*

## Input from your electrical utility provider

Consultants are responsible to engage with the electrical utility as necessary to develop the EV Ready Plan.

The applicant's electrical utility and/or Nova Scotia Power may be involved in the EV Ready program process including: participation in calls or meetings, sharing and review of information, plans, recommendations, calculations, drawings, etc. Efficiency Nova Scotia will assist with this process.

The EV Ready Approach program pathway may change in the future to comply with requirements from the electric utilities.