CORE ONE CONSULTING

Electrical Planning Reports & EV Ready Plans

Supporting new legislation of the Strata Property Act to facilitate the installation of EV charging stations in strata corporations.

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Overview

Electrical Planning Reports and EV Ready Plans are now required as per the strata property act OIC 671-23 on any strata corporation that is five or more lots in size. These reports require the expertise of an electrical engineer or applied science technologist.

Meeting The Demand

In compliance with the new strata requirements, the team at Core One can coordinate with our electrical contractors in creating comprehensive **Electrical Planning Reports and EV Ready Plans** that adhere to all applicable bylaws and regulations.

- ✓ Facilitation of EV charging installation in strata corporations
- ✓ Support the transition towards electric vehicle usage in strata communities.

Available Rebates

EV Ready rebate offers are available for MURBs, including rebates for EV Ready Plans, electrical infrastructure upgrades, and charging stations.

- ✓ Rebates for EV Ready Plans can fund up to 75% of eligible costs (up to $3,000). An EV Ready Plan provides a strategy to provide a parking stall that is capable of Level 2 EV charging for each residential unit that has a parking stall
- ✓ There is currently no rebate for purchasing just the Electrical Planning Report. However, if a strata purchases both the Electrical Planning Report and EV Ready Plan the rebate can be used against the total of both services effectively reducing the overall cost.

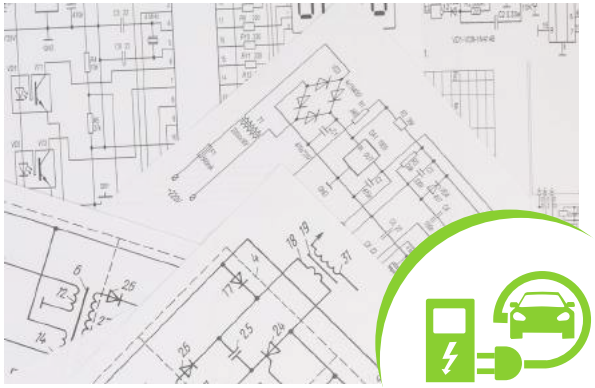
Electrical Planning Reports

The Electrical Planning Report provides an overview the strata's electrical system to help understand their current electrical capacity and future needs, including EV charging and other energy demands. The strata is required by law to obtain the report.

Phase 1: Electrical Planning Report

The report will include the following information:

- Building information
- Core One Consulting team qualifications
- What is the current capacity of the existing electrical system
- List of existing electrical demands from
  - EV charging infrastructure, if any, and
  - Heating, cooling, ventilation and lighting systems
- Current peak demand on and spare capacity of the electrical system
- If applicable, an estimate of the electrical capacity that would be needed to power systems, including heating, cooling and ventilation systems, that are currently powered by an energy source other than electricity
- An estimate of the electrical capacity needed for any other anticipated future demands on the electrical system, including electrical capacity needed to power
- Heating, cooling, ventilation and other systems that the strata corporation anticipates may be modified or installed in the future, and
- EV charging infrastructure that the strata corporation anticipates may be installed in the future



Deadlines

December 31, 2026
For Stratas Within the Capital Regional District, Fraser Valley District & the Metro Vancouver Regional District.

December 31, 2028
Stratas located on islands within the above districts and all other areas of BC

- Steps, if any, that the strata corporation could practicably take to reduce the demands on the capacity of the electrical system
- Upgrades or modifications, if any, to the electrical system that the strata corporation could practicably undertake to increase the capacity of the electrical system
- An estimate of the electrical capacity that would be made available if the strata corporation were to take steps referred to or undertake suggested upgrades or modifications

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EV Ready Plans

The ***EV Ready Plan*** focuses on electric vehicle charging only and includes a budget to proceed with a defined project and is not required by law.

Phase 2: EV Ready Plan

The report will include the following information:

- Building information
- Number of residential units
- Number of residential parking stalls
- Number of visitor stalls
- Number of parking stalls to be made EV ready (minimum requirement of one EV ready stall per residential unit)
- Number of EVSE's to be installed
- Number of existing EV parking stalls
- What is the capacity of the existing electrical main service
- What is the existing peak demand on the main service
- What is the spare capacity prior to EVSE installation
- Charging performance assessment
- Recommended solutions for parking spaces to be made EV ready
  - Recommendations can include service upgrade
  - Monitoring software
- Cost estimates sufficient for budgeting purposes

Our Process

- Visit the building to gather onsite information
- Evaluate the existing electrical systems to create all reports
- Work with your strata clients on implementing any recommendations