LEADING
ENGINEERING

Bringing Electrical Engineering
Solutions to New Heights

ELECTRICAL PLANNING REPORTING PROCESS

What Is It?

Empower your building and strata projects with our specialized Electrical Planning Report. Delve into strategic insights, robust compliance solutions, and sustainable designs, ensuring a resilient electrical infrastructure. Elevate your project's success with the guidance of our experts. Step into the future of electrical planning tailored for buildings and strata, exploring innovative solutions that redefine industry standards. Discover the trans formative possibilities awaiting your project today.

Why Is It Necessary?

A new regulation, OIC 671-23, effective December 6, 2023, mandates that strata corporations with five or more strata lots must obtain an electrical planning report by specific deadlines.

An electrical planning report assesses your current electrical capacity and evaluates your ability to meet new electricity demands, including electric vehicle charging and heat pump installations. It provides vital information such as current capacity, existing demands, peak electrical demand, spare capacity, and recommendations for demand management.

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Here is a brief timeline of what our qualified professionals here at Leading Engineering can do to assist you in each step of the reporting process, ensuring your strata community is ready and compliant.

1. PROJECT REQUIREMENTS

Authorization Letter to BC Hydro
- Base building electrical, mechanical, and architectural drawings.

2. SITE VISIT

Review the existing electrical mechanical system

Timeline: 1-2 weeks

3. BC HYDRO DATA

Obtain the BC Hydro historical metering information

Timeline: 6-8 weeks after the site visit

4. BUILDING ANALYSIS

Review the building's existing drawings and study the best solution.

Timeline: 2 weeks after the site visit

5. CALCULATION

Calculate required electrical load for future EV, mechanical upgrade to heat pump or electrification of existing system

Timeline: 2 weeks after the site visit

6. LOAD ANALYSIS

Review the historical metering data and determine the spare capacity
Timeline: 1 week after obtaining BC Hydro metering data

7. DRAFT REPORT

Deliver the draft report to client

8. FINAL REPORT

Finalize the report as per client comments

Visit us at www.LeadingEng.ca to ready your strata community for the electrified future