



**MANN ENERGY SOLUTIONS**  
A Mann Group Company

# EV CHARGING CONSULTING



Mann Energy Solutions  
EV Charging Consulting

EV charging simplified



## Mann Energy Solutions Qualifications

- Licensed by the Professional Engineers of Ontario (PEO)
- Registered with PEO to offer engineering services to the public
- Registered with the Electrical Safety Authority (ESA)
- Covered with Professional Liability Insurance
- Covered with comprehensive construction liability insurance
- Full in-house mechanical construction capability
- Full in-house electrical construction capability
- Full in-house building automation design and implementation capability

## CONTACT US

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## An End to End EV Charging Solution

- **Building's Electrical Load Study**
- **Feasibility Study**
- **Construction**
- **Funding**

### Building's Electrical Load Study:

How many chargers can I safely install in my building to serve my tenants?

A building electrical load study answers this pressing question. Our electrical engineers will visit your building to verify the electrical distribution system architecture. Next using this data along with 12 months of electrical consumption data, you will receive a report prepared by a professional electrical engineer detailing the building's spare capacity.

### Feasibility Study:

This is where we work with you to gauge tenant interest and determine the number of chargers needed now. We then select the best complete solution in the market that works best for your particular building and your property management team, tenants' needs, future scalability, and most financially competitive. A feasibility study will be delivered including:

- EV charging stations options with comparison of various configurations
- Power Management system to optimize available power and distribution to EVs Plugged-in
- Energy Management strategy to minimize cost of power required by EV charging system
- Preliminary financial analysis including capital cost and maintenance cost
- Tenant billing system options
- Ongoing support options

### Construction:

We believe our clients should have the freedom to choose the construction means that works best for them and their organizations' structure. As a vertically integrated company, we offer our clients the choice of a consulting service only contract, Turnkey construction contract (procure, construct, commission and project manage), or project manage only to ensure successful delivery of the project.

### Funding:

Natural Resources Canada (NRCan) funds the Zero Emission Vehicle Infrastructure Program (ZEVIP). The program covers up to 50% of the cost of Electric Vehicle (EV) charging stations, up to \$5,000 per Level-2 connector for:

- Workplaces (commercial or industrial buildings)
- Multi-Unit Residential buildings
- Public places
- And many others

ZEVIP applicants may face challenges with this program as the funds are limited, applications are processed on a first come first serve basis, and within specific intake windows (2021 Multi-Unit Residential and several other applications intake closed on June 2021). We simplify the process and apply on your behalf to start your project as soon as your application is approved.

\* <https://www.nrcan.gc.ca/energy-efficiency/transportation-alternative-fuels/zero-emission-vehicle-infrastructure-program/21876>

Contact us today to learn more:

[info@mannenergysolutions.com](mailto:info@mannenergysolutions.com), or call (416) 201 9109 x 158

<https://www.mannenergysolutions.com/services/ev-charging-solutions>