



City of Morris Electric Vehicle Supply Equipment (EVSE) Installation Permitting Checklist

The City of Morris provides the following information to ensure that charging stations can be installed with minimal effort. Please Note: Vehicles with portable charging units that can plug into existing 120 volt receptacles and do not require modification to the electrical system do not need a permit.

Electric vehicle supply equipment (EVSE)—EVSE is a broad term that refers to the hardware and infrastructure used for charging electric vehicles (EVs). This typically consists of charging stations, connectors/cables, power management, payment systems, and grid integration.

Incentives and rebates—financial incentives are provided by governments or organizations to encourage the purchase and adoption of EVs. These incentives can include tax credits, rebates, grants, or reduced registration fees, making EVs more affordable for consumers.

Charging infrastructure—a network of physical equipment and systems designed to supply electric energy to recharge EVs or plug-in hybrids.

Charging information per type of EV charger

Charger type	Voltage	Power	Miles gained per charging hour	Use
Level 1	120 V AC	1.2–1.4 kW AC	3–4 miles	Slow charging at home or workplace
Level 2	208 V–240 V AC	3.3–19.2 kW AC	10–80 miles	Home, workplace, or public charging
DC fast	400 V–1,000 V DC	50 kW or more	150–1,000 miles	Public fast charging

AC—alternating current; **DC**—direct current; **kW**—kilowatt; **V**—volt



Cost savings for EV chargers

- **Federal tax credit:** If you install qualified vehicle refueling and recharging property in your home or business, you may qualify for the alternative fuel refueling property tax credit. Learn more about the tax credit on the Internal Revenue Service [website](#).
- **Utility rebates and incentives:** Contact Otter Tail Power Company to find out if there are any EV charging programs, rates, or financial incentives that your installation qualifies for. More information is available on their [website](#).

Minnesota state building code

Any EVSE installed in the city of Morris must comply with the state building code provided below.

406.2.7 Electric vehicle charging stations.

Where provided, electric vehicle charging stations shall be installed in accordance with NFPA 70. Electric vehicle charging system equipment shall be listed and labeled in accordance with UL 2202. Electric vehicle supply equipment shall be listed and labeled in accordance with UL 2594. Accessibility to electric vehicle charging stations shall be provided in accordance with Chapter 11.

Contact information

Electrical permits are handled by the state of Minnesota. To apply for an electrical permit, visit this [website](#).

Inspections occur through the State inspector. More information can be found on the state webpage [here](#).

For more information on electrical permitting contact Stevens County's state inspector, Brandon Lennox, at (320) 808-5309.



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Vehicles with internal charging units can plug into existing 120-volt receptacles and do not require modification to the electrical system do not require a permit. The installation of EVSE directly wired to the electrical system will require a permit. The installation of a 240-volt receptacle for use with a portable EVSE will require a permit. The steps in the permitting process are outlined below.

1. Contact the utility to discuss charger placement, incentives, EV charging rates, and voltage requirements.
2. Work with a licensed electrician to select the electrical components for the type of EV charger(s) you wish to install.
3. Obtain an electrical permit from the state at this website.
4. Install your charger.
5. After installation, schedule an electrical inspection by calling Brandon Lennox 320-808-5309