

PUBLIC EV CHARGING COMING TO DGH



Charger Facts

Charger Type:

Level 2

Wattage:

7kW

Charging Capability:

15 - 20km in 20 minutes

Full charge in 6 hours

Other Information:

Scalable for additional charging capacity based on future needs

DGH Engineering Ltd. (DGH) has a long history of contributing to sustainability in a number of fields, including energy efficient building design, the design of heat exchangers used in heat-recovery ventilation systems, design for energy efficient building retrofits, design of biodigesters used to divert organic waste from landfills, and expertise in energy, waste, and water audits.

DGH promotes sustainability in its community by offering electric vehicle (EV) charging to the public, free of charge, at its office. DGH is able to complete this project thanks to funding from Eco-West / Éco-Ouest Canada and Natural Resources Canada! Using funding from Eco-West, DGH accelerates its plan to add dedicated commercial charging stations at its offices in St. Andrews, Manitoba.

DGH will add a Level 2 charger in its front parking lot, with a dedicated parking stall that is expressly to be used while charging. The charging station operates at 7 kW, and is capable of providing an average EV with a full charge in approximately 6 hours, and a top-up of 15-20 kilometers of range in 20 minutes.

The equipment is scalable, so if there is high demand for charging time, DGH can add a second dedicated EV charging stall.

DGH will provide EV charging free of charge as a pilot program to community members, clients, and staff. DGH will monitor usage and operating costs, and use this data to inform plans for future installation and implementation of charging infrastructure at the DGH offices. DGH expects that this service will relieve range anxiety for EV commuters.

Eco-West Canada's Electric Vehicle Charger Program was partially funded through NRCan's Zero Emission Vehicle Infrastructure Program, which provided funding to DGH Engineering to help support the installation of an EV Charger at their office in St. Andrews, Manitoba.

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