

# EV CHARGING FOR RETAIL

## Frequently Asked Questions

Why do I need EV charger management software?

Delivering a stable, cost-effective, and competitive EV charging network requires a unique set of tools that are purpose built for EV charging.

Software like EVerse offer an intuitive and cloud-enabled host dashboard that allows complete 24/7 visibility over your charging operations. With just a few clicks, you can monitor, manage and optimize your charger network from anywhere, at any time.

A powerful and extremely configurable EV charging billing engine, that is not found in regular fuel retail point of sale (POS systems), offers maximum flexibility, accessibility, and, ultimately profitability. At the same time, EVerse software keeps your charging network up and running, reducing downtime and maintenance costs, through innovative always-on technology that continually scans for potential issues, troubleshooting and fixing without human intervention wherever possible.

What is meant by 'Smart Charging'?

Smart charging refers to a charging system where electric vehicles, EV chargers and charging operators (using a backend software platform) share data connections. Through smart charging, the operators may monitor, manage, and restrict the use of charging devices to optimize energy consumption. In contrast to uncontrolled charging, smart charging will flatten the overall electricity usage peak by shifting the peak due to vehicle charging away from the peak due to 'other' consumption. As an example, a Smart Charging solution applied in a household would reduce the power charged to an EV at home, while the house is being heated, food is being cooked and television is being watched, all using electricity. It would then increase the power charged to the car, during the night, when fewer domestic appliances are switched on, in order to keep the total electricity usage below a certain threshold.

Our chargers are smart charging ready and compatible with the backend management solutions allowing for this, including our own EVerse charger network management solution.

What is OCPP?

OCPP stands for Open Charge Point Protocol and it is the standard communication interface between the EV charger and the backend software platform. It can be compared to the IFSF standard protocol in the fuel dispensing world.

Are Gilbarco Veeder-Root's chargers compliant with Open Charge Point Protocol (OCPP)?

Yes, all our DC and AC charging solutions come with the OCPP1.6J protocol, which is the current standard in the market.

Would the public be able to find my chargers on EV charging maps/apps?

Yes, when using Gilbarco Veeder-Root's backend software solution your location(s) with real-time status of your own EV charging equipment will be added to Google maps and to other charge point location sites, relevant for the country in which you operate.