

ChargePoint and EV Fleet Management

The Challenge

If you manage fleets, chances are you're looking for a way to include EVs in your fleets to save on maintenance and operational costs, meet sustainability goals, or all of the above. But the challenges are daunting. How do you ensure your EV fleet vehicles are ready when you need them? And how do you track usage, costs and savings in a way that lets you meet regulatory requirements and take advantage of tax incentives?

The Solution

ChargePoint's cloud-based fleet management solution provide maximum predictability and control, allowing you to track and allocate costs and savings and lower on-going operational costs of managing your EV fleets. With ChargePoint, you'll be able to ensure your EVs are always charged and ready. ChargePoint lets you monitor and report on energy consumption and gas savings, station utilization, and fuel costs—by fleet, department, vehicle and/or driver—and track Greenhouse Gas (GhG) emissions prevented to report the success of fleets' sustainability initiatives. Easily control station access and time-share stations with the public to offset costs. Plus, you can lower operational costs even more with fast, scalable deployment and effortless station management.

Fleet Vision

"The city's electric vehicle fleet is not only good for the environment; it's good for city taxpayers too."

—Stephen Goldsmith, NYC Deputy Mayor

"We expect long-term ROI to be considerable."

—David Head, Fleet Manager,
County of Sonoma

Ensure your electric fleet vehicles are always charged and ready

- Receive daily summaries by email and/or text message with charging stats for your entire EV inventory.
- Click a vehicle on the map to view details about its charging stats and location, at a glance, for a specific fleet or all fleets.
- View a color-coded with a status summary of your fleet (fully charged, currently charging, not plugged in, or charging interrupted).
- Receive automated alerts if any of your EVs are having trouble charging.

Analyze and report on metrics like GhG and fuel savings with detailed analytics

- Track usage, costs, and savings by fleet, department, vehicle and driver.
- Review important numbers by day, week, month or year, and filter reports further by time period and column headings
- See gasoline avoided to track fuel cost savings by vehicle, fleet and department.
- Track GhG emissions prevented to report the success of sustainability initiatives, and for grant reporting.
- Report on sophisticated metrics around station occupancy and energy consumption, including peak power usage statistics, station revenue and other valuable data.
- Create a template with battery capacity and miles per kWh for each type of vehicle in your inventory.

Lower operations costs and utility bills

- Deploy quickly and scale easily; the ChargePoint cloud-based solutions take no IT staff to deploy or maintain.
- Ensure all your stations are healthy with an at-a-glance color-coded map, automated alarms and remote servicing.
- Easily control station access by fleet or driver.

Example Fleet Customers

