

2022

e-Mobility Solutions

EV[∞]erse

Amps2Go

Fueling the future, today.



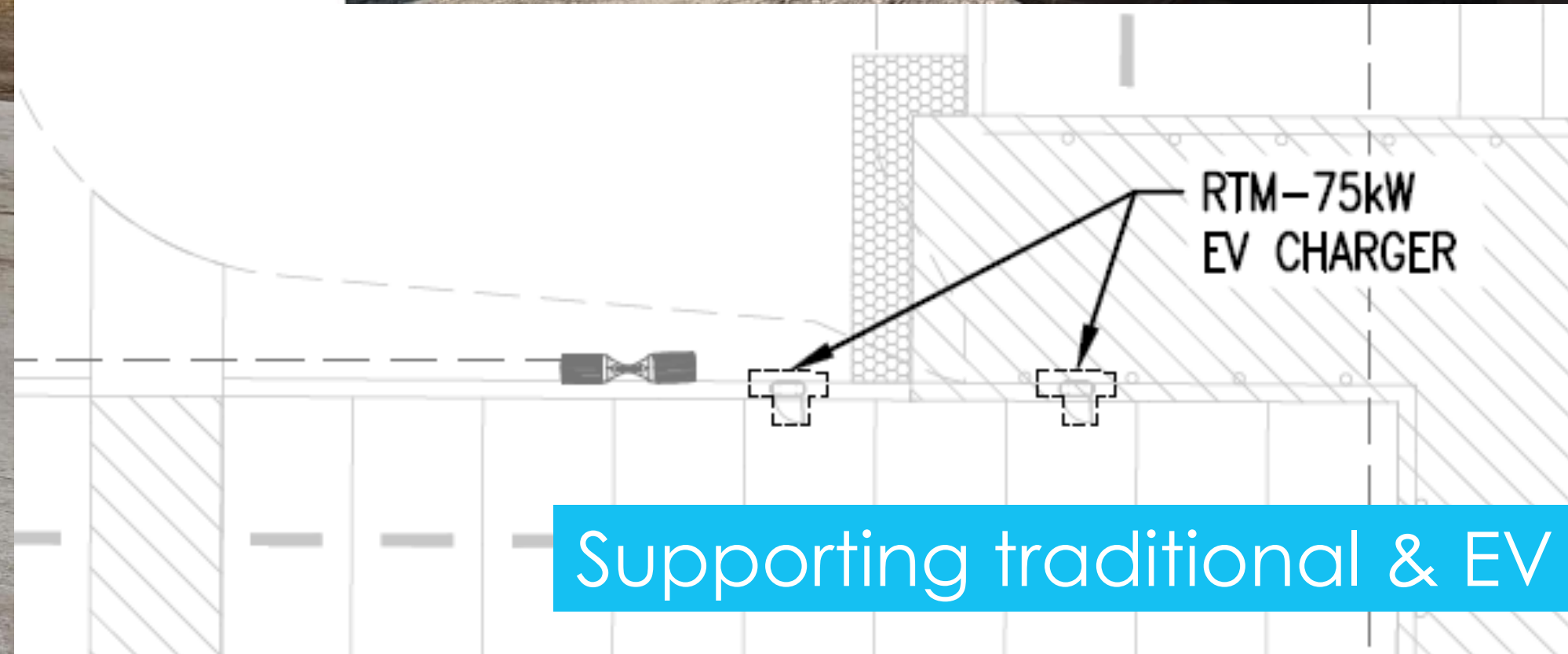
Gilbarco Veeder-Root | The Global Leader of Fueling Control

e-Mobility & ICE Fueling



We keep the world moving with the best fueling technology and services

Fleet Markets Served

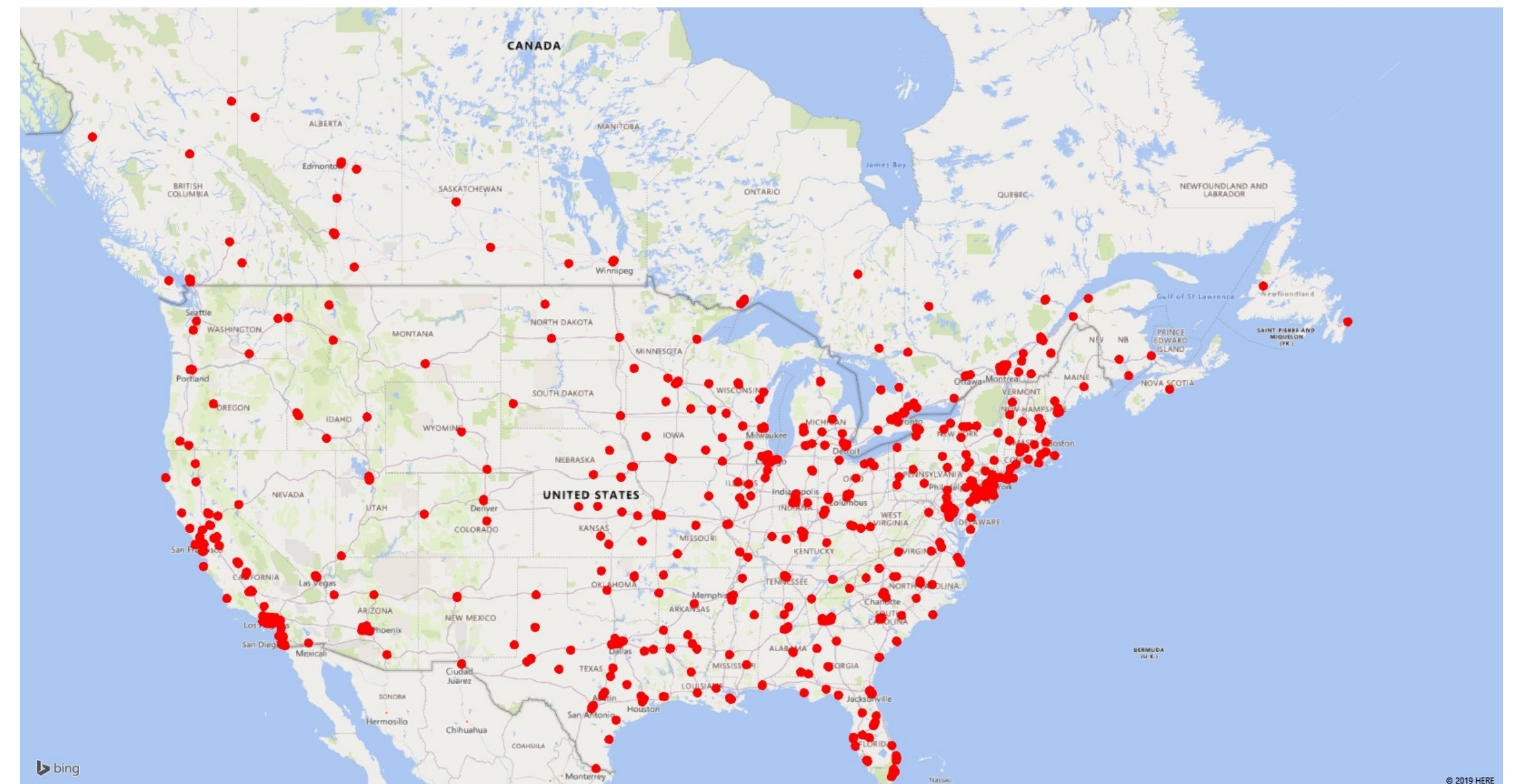


Supporting traditional & EV deployments

Service Providers & Technicians

Gilbarco Veeder-Root's industry leading service and support team

- 600+ Gilbarco Service Contractors in North America
- Certified Technician Base
 - 2375+ Certified Techs



Site assessment & Installation

Gilbarco Veeder-Root's industry leading service and support team

- In-person site walk performed by authorized ASC to determine best location for siting charging to meet operational needs & reduce cost.
- Project Management process includes elements of permitting, site design, and coordination with local utilities for infrastructure upgrades (if needed).
- Construction scope covers an agreed upon schedule to meet customer needs.



FLEXIBLE, SCALABLE TECHNOLOGIES

Software Solutions

Why EV charging software?

When it comes to managing a fleet of electric vehicles, what's important?

OCPP EV charging software helps address the following important fleet needs...

1

Completing the Mission

Vehicle Readiness

Charger Uptime

Scheduling

Diagnostics

Authentication

NOC Support

2

Reducing OpEx

Energy Management

Consumption Reports

LCFS Reporting

3

Management, Tracking, & Reporting

Driver Management

Analytics & Reports

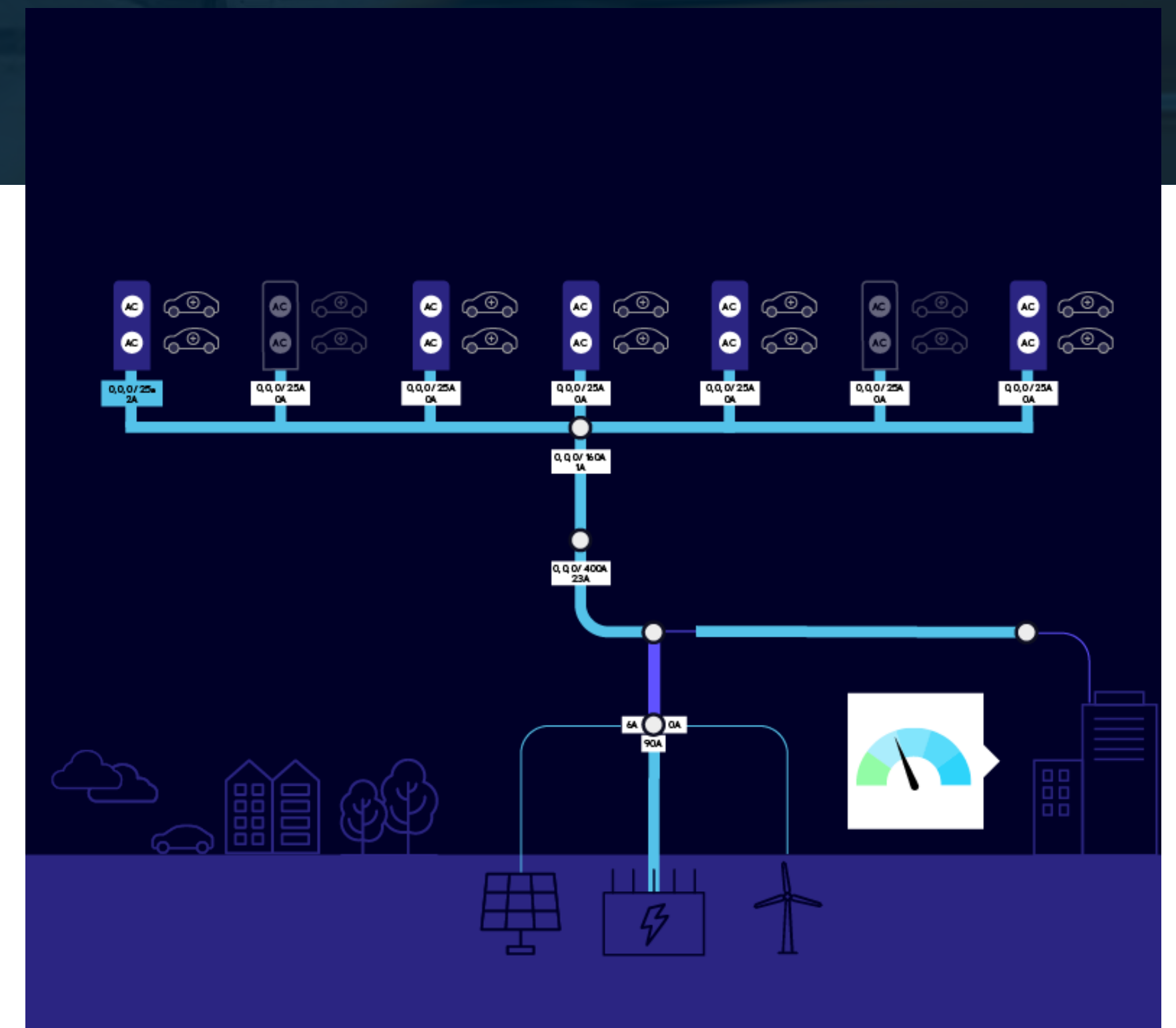


Optional Energy Management Module

Energy Management Module

- ✓ Improves fleet charging efficiency and potentially reduces OpEx
- ✓ Monitor, manage, & adjust energy consumption
- ✓ Near real-time load balancing for single chargers, sites with multiple chargers, & sites with locally supplied electricity (renewables, microgrid, etc.)

- ✓ Smart demand response algorithm to lower consumption when grid is congested or prices too high
- ✓ Supports OpenADR demand management
- ✓ 170+ models of chargers from different OEMs supported



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L2 Charging Solutions

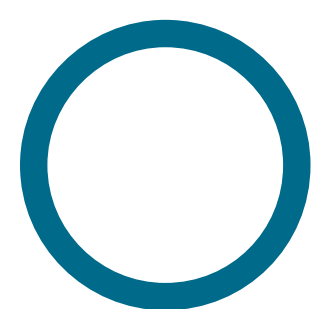


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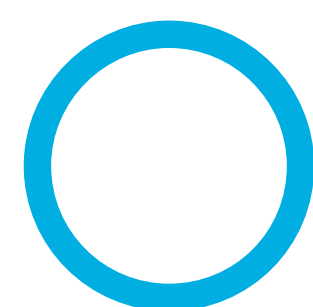
Public Access

Use case when EV drivers need to charge away from home & are using a charger made publicly available by a site host

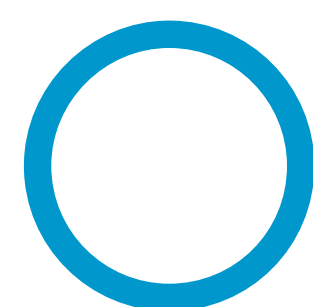
Potential locations
Customer experience
Site host's role
Settlement



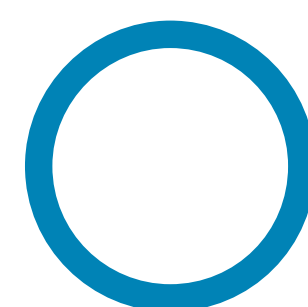
"I need a charge"



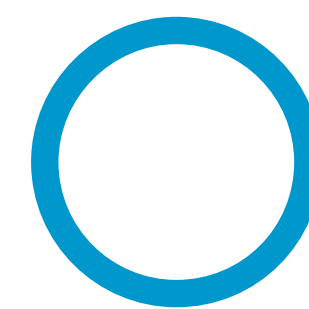
App & locator



Authorization at charger



Charging session



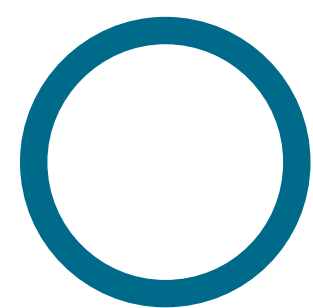
Leave/billing



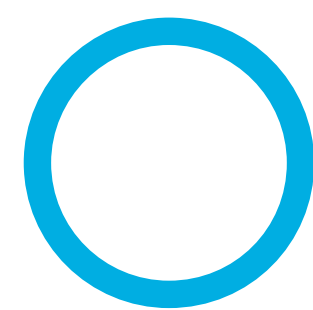
Amps2GO Fleet Charging

Use case when EV drivers need to charge overnight or for a period of time
at a fleet-only facility
-OR-
At a publicly available charger without a fee

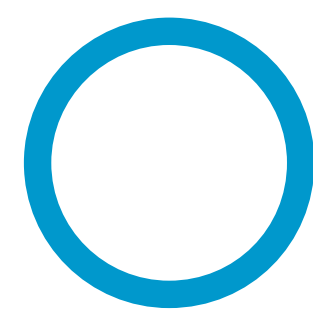
Potential locations
Driver experience
Site host's role
Reporting vs. Settlement
30A vs. 80A



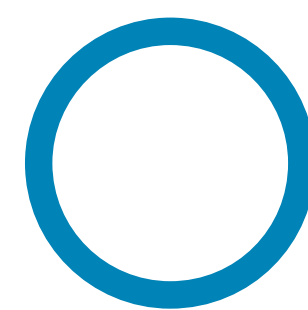
"I need a
charge"



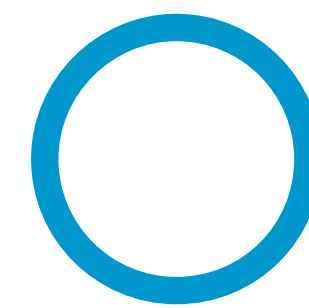
Key card/Fob



Authorization
at charger



Charging
session



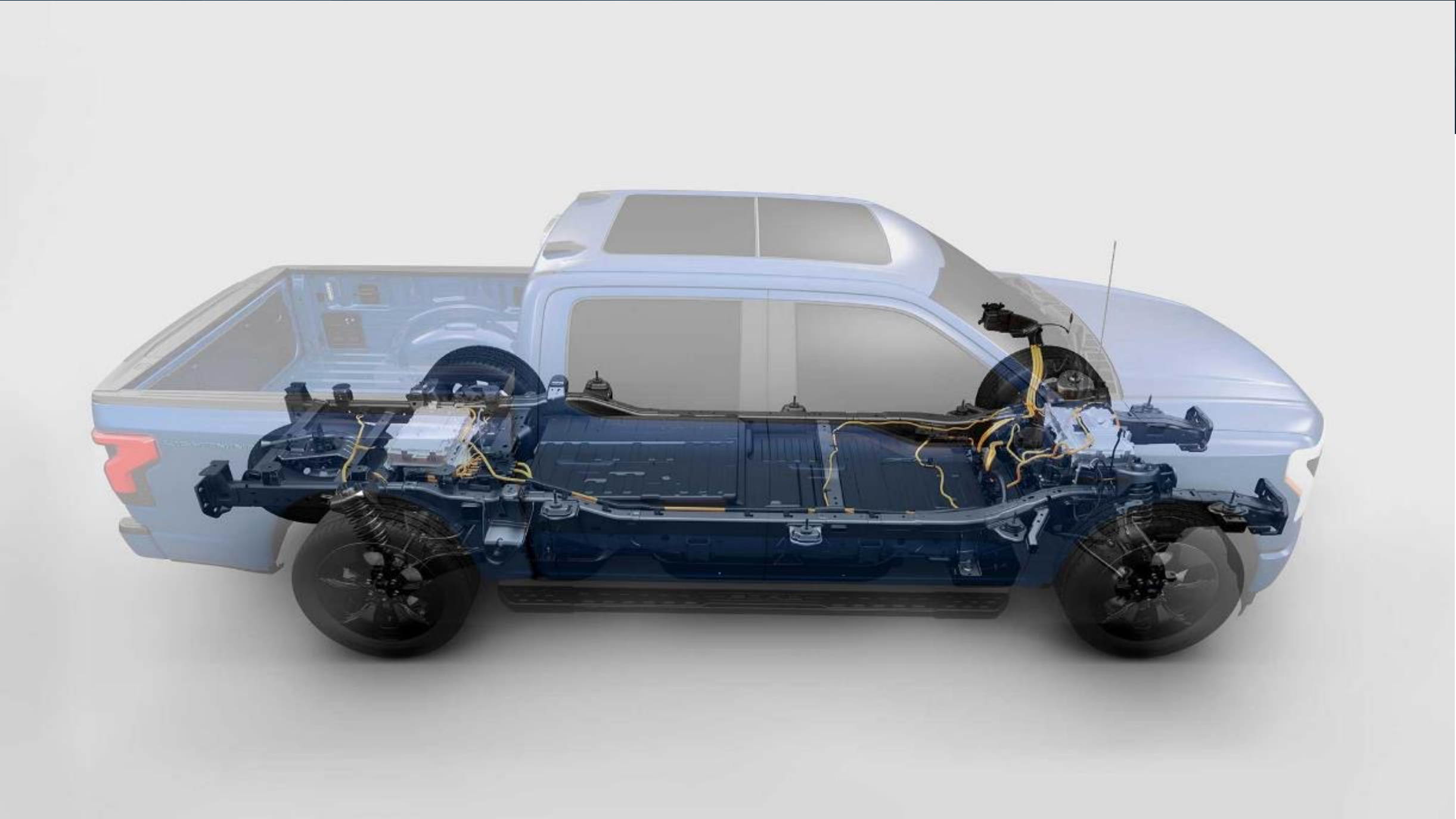
Leave/
reporting



Fleet EV Trends

Batteries are getting bigger & onboard chargers are too

Vehicle	Battery Size	Onboard Charger Max
Nissan Leaf (standard)	40kWh	6.6kW
Nissan Leaf (extended range)	62kWh	6.6kW
Ford e-Transit	64kWh	11.3kW
Lordstown Endurance	109kWh	11kW
Fort F150 Lightning (standard)	98kWh	19.2kW
Ford F150 Lightning (extended range)	131kWh	19.2kW



Amps2Go

Warranty

An industry-best warranty for your purchase

- ✓ Full Replacement Warranty which provides additional value over a parts and labor warranty.
- ✓ Consists of providing a Replacement Charger to simply replace the original charger.
- ✓ Substantially reduces down time since there is no repair cycle.
- ✓ Chargers are delivered fully assembled with electronics sealed in a compact enclosure.
- ✓ Simplifies the installation process
- ✓ Chargers are delivered with dedicated 4G LTE cellular transceivers in each unit. This results in a fully stand-alone communication solution (i.e. does not require interfacing with the property's IT infrastructure) and improves reliability of data communications over a gateway node approach.



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DC Charging Solutions

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DC CHARGING SOLUTIONS

Universal charging | Flexible | Tailor-fit for your needs

11-25kW

Low-Cost DC power

Simple to own &
operate

50/75/150kW

Simultaneous
charging

Modular from 50-
150kW

175-350+kW

Ultrafast Charge

Purchasing Cooperatives

Gilbarco e-Mobility products on contract

- Cooperative purchasing contracts with the National Cooperative Purchasing Alliance (NCPA) & BuyBoard
- **Free** for non-profit organizations to use
- Negotiated pricing
- No RFP required

<http://ncpa.us/Vendors/Gilbarco>

https://app.buyboard.com/Reports/CurrentVendors_TX.pdf





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Thank you

Fueling the future, today.

