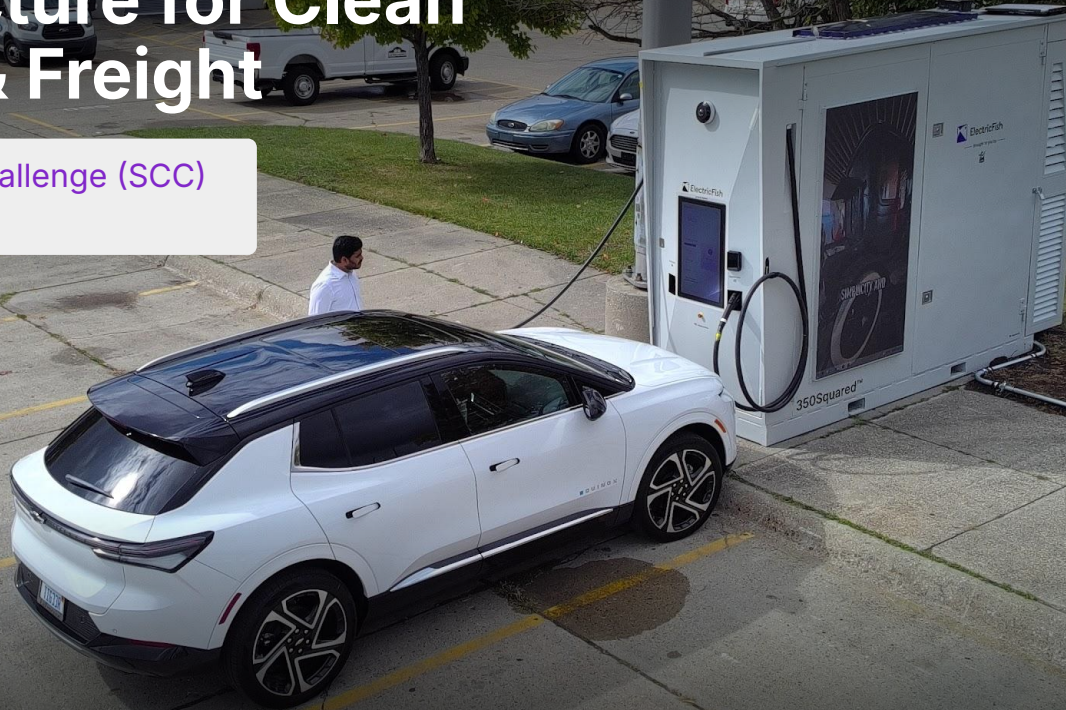


Fast, Flexible, Resilient Infrastructure for Clean Mobility & Freight

Sustainable Cities Challenge (SCC)
Feb 9, 2026



In partnership with:





Easy infrastructure for clean mobility & freight



ElectricFish Solution

- Simple to deploy without upgrades
- Blazing fast EV charging (400 kW)
- EV energy savings powered by AI
- Backup power during outages
- Comprehensive energy analytics



Our Eastern Market Story



- ⚡ **Incubate**
Discover, design, deploy
- ⚡ **Validate**
Operate, problem solve, iterate
- ⚡ **Scale**
Deliver, showcase, grow



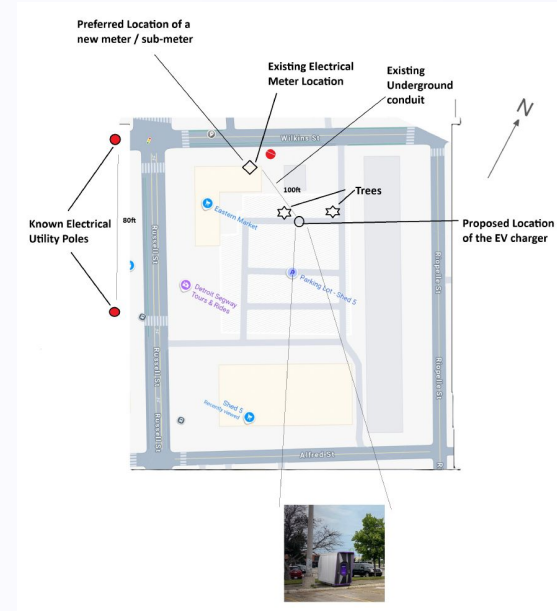
ElectricFish during the Finalist Stage

Incubate

Cable Reach



Site planning
(Shed 7 → Shed 5)



Electrical planning
(280V, 3-phase 30 kW)



ElectricFish during the Finalist Stage

Validate



Easy to deploy
(No trenching/upgrades)



Quick to permit
(3 weeks)



ElectricFish during the Finalist Stage

Validate

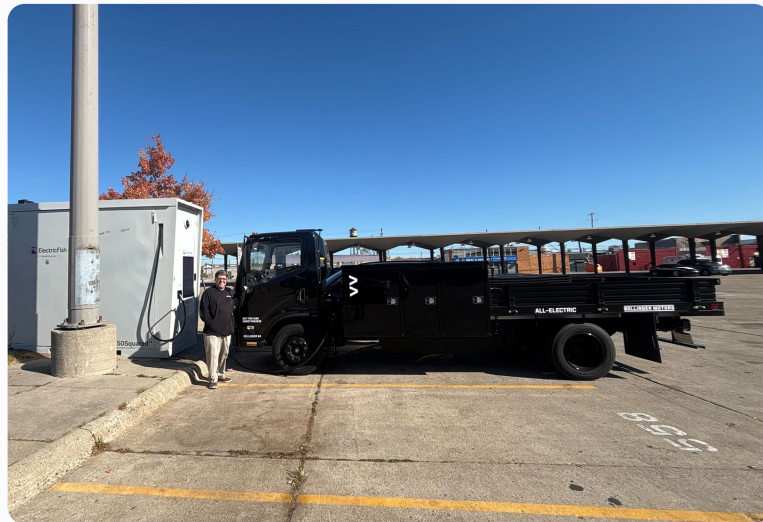


Detroit Tough - rapid top-offs anytime, anywhere
(324 kW in Winter)



ElectricFish during the Finalist Stage

Validate

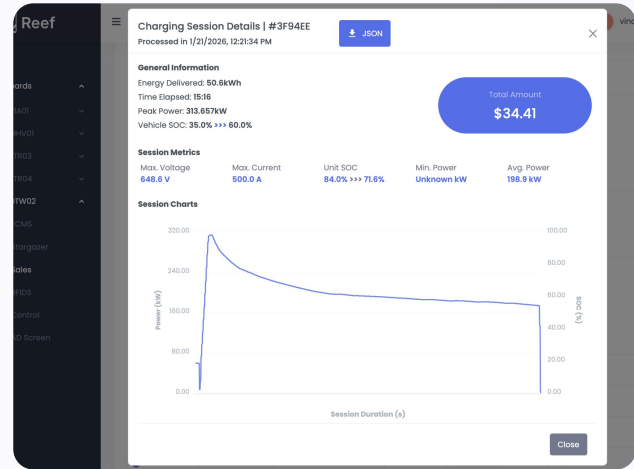
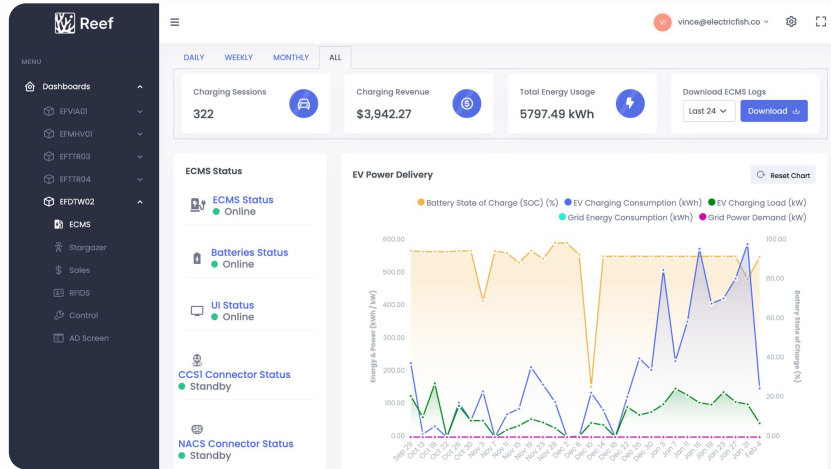


Charging infrastructure isn't a bottleneck for fleets- thanks to ElectricFish



ElectricFish during the Finalist Stage

Validate



EV intelligence at your fingertips



Eastern Market *Electric Operations* Today & Tomorrow





ElectricFish during the Finalist Stage

Validate - Lessons Learned

Cold weather does not hurt batteries, but it slows service, and performance

Battery performance remained strong, the range of the trucks, and energy consumption for us increases.

Public charging and fleet charging cannot be commingled

Public charging is immediate and opportunistic, while fleet charging requires reservations, predictability, and guaranteed time based access.

Improper human behavior can impact charger availability

Charger hogging and ICEing were frequent, with gasoline vehicles occupying EV spots even when chargers were operational.

Market needs resilience, Public charging is not a revenue driver

Public charging only works at high volume, while Eastern Market businesses value backup power and reliability over transient charging demand.

Permitting and inspections are the real bottleneck

Early alignment between inspectors, utilities, and reviewers dramatically shortens deployment timelines.

Test interoperability as early as possible

Supporting all vehicles requires handling many edge cases across automakers including current limits, voltage tolerances, handshake timing, and small quirks.



Our Eastern Market Story - By the Numbers



Reduction of Fossil Fuel Use

**Estimated 8.8 metric tons CO₂ avoided;
17,200 metric tons potential at high adoption**
(Gasoline displacement + battery storage peak shifting)



Innovation in Eastern Market Freight

Diverse vehicle interoperability (Class 1, 2, 6)
(Light-duty SUVs, flatbed trucks, box/reefer trucks, robot chargers; reduced idling 78% LD and 84% MD)



Adoption Potential by Businesses

18+ month acceleration of readiness
(Connected with 25+ Market businesses for them to come see infrastructure, flexibility for Produce & Meat biz to adopt while saving \$300K in upgrades)



ElectricFish during the Finalist Stage

Scale



The US startup ElectricFish aims to bring hassle-free EV charging to every gas station in the US (electric eel photo courtesy of National Aquarium via the University of Wisconsin-Madison).

"ElectricFish" EV Charging Innovator Is Transforming Gas Stations Into Electrification Hubs



Our Eastern Market story sparked tremendous interest at CES from Michigan, Florida, Kansas, California, Texas - even Brazil

Charging up a truly mobile society

