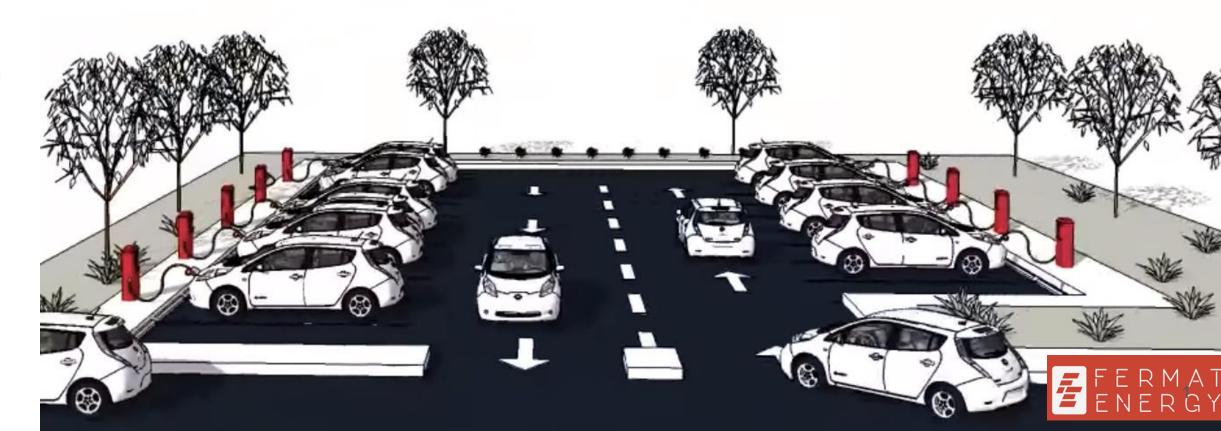
Fermata Energy's Vehicle-to-Everything (V2X) Bidirectional Technology for Fleets

5 October, 2022

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Park it. Plug it. Profit.™

What if your electric vehicle (EV) can earn money while it is parked?

With Fermata Energy's V2X bidirectional charging platform, your fleet EVs can make money for you by powering the grid.

We call these "earning events."

These earning events reduce the total cost of ownership of fleet EVs, supporting your electrification and sustainability goals.





V2X benefits to you

Turns cost centers into revenue generators

Costs comparable to one-way chargers

"No upfront cost" option

You control your drive time

Meets UL and IEEE standards

Partner with OEMs on battery health



How does V2X bidirectional charging work?

Vehicle-to-Grid (V2G)

- Demand Response (DR): Power exported to grid ("in front of meter")
- Supports utility grid demand/stability, generates revenue for EV owner → Reduces EV TCO
- Renewable energy integration

Vehicle-to-Building (V2B)

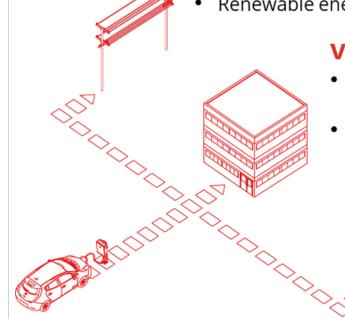
- Demand-Charge Management (DCM): Targets peak loads in buildings, EV fleet yards, or industrial operations ("behind-the-meter")
- Reduces costly "demand charges" and supports grid stability

Fermata
Energy is
operating
commercial
V2B and V2G
at multiple
customer sites
across the U.S.



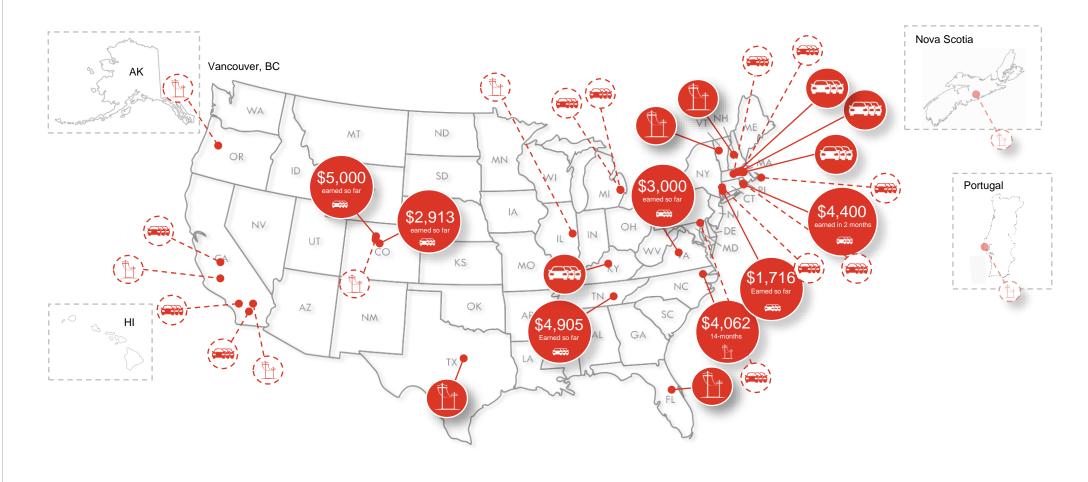
- Residential emergency backup power
- Renewable energy integration
- Supports grid demand and stability

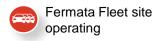
Fermata Energy will be releasing a grid-tied V2H solution.



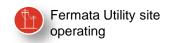


National sites, repeated success













Rhode Island municipal deployment: V2X earns \$8,000+



When: Summers 2021 & 2022

Earned: \$8,000+

Where: Municipal wastewater

treatment facility

Program: National Grid

What: Fermata Energy V2X

bidirectional charging platform &

Nissan LEAF