



Highland

Odyssey Day
October 2023

ELECTRIC FLEET

Community benefits



Community Health

Emissions-free vehicles eliminate toxic diesel fumes from school yards and neighborhoods.



Environmental Justice

Electric school buses improve air quality for traditionally poor and underserved communities.



School Budgets

Restore balance to your transportation budget with predictable pricing.



Driver Satisfaction

Recruit and retain drivers with clean, quiet, and easy-to-drive vehicles.



Climate

Upgrading your fleet to electric reduces pollution & greenhouse gas emissions.



Academic Success

When your students breathe cleaner air, they miss less school and perform better.



Emergency Resilience

As Distributed Energy Resources (DERs)—batteries on wheels—electric school buses can power your community in an emergency.



Grid Modernization

With vehicle-to-grid technology (V2G), electric school buses are helping build America's new energy grid, buffering peak demand and providing storage capacity for renewable energy.



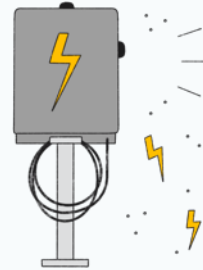
Implementing an electric fleet is complex

Successful electric fleets include infrastructure, operations, and energy management



Interconnection & Infrastructure

- Utility interconnection and new service
- Primary & secondary construction
- Engineering, permitting, and grant compliance



Chargers & Charge Management

- Charger selection, connectivity, and maintenance
- Charger & fleet management software
- Utility connection for charging & vehicle-to-grid (V2G) events



Operations & Maintenance

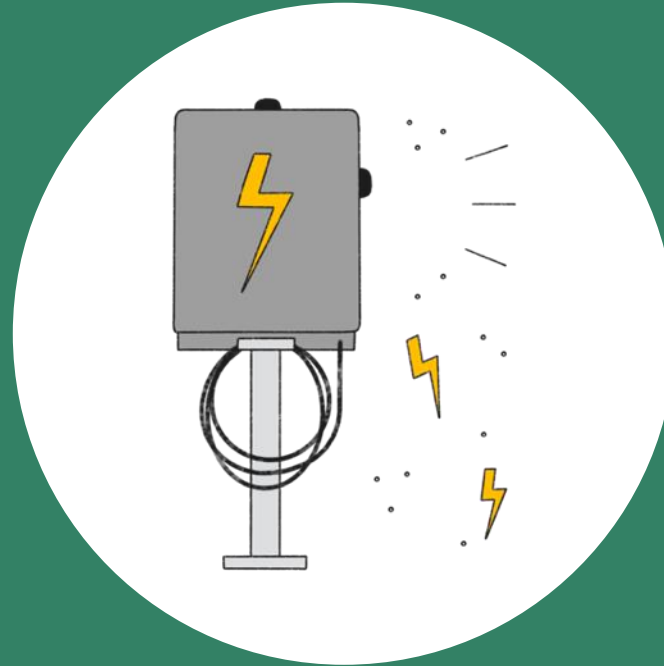
- Procurement, testing, and commissioning of each vehicle
- Driver & mechanic training
- Routine and unexpected maintenance

Why now?



Policy Support

IRA/EPA incentives
EPA R3 Open Now!
State policies/mandates
Utility programs



Major Manufacturers, Track Record

OEMs committed to electrification
1,700+ electric buses on the road
for 5+ years



Business Model Innovation

Zero upfront cost
Lower cost of operation
Summertime V2G





2023 Clean School Bus Rebate Program

Program Details

\$5B

The EPA CSB Program is a \$5 Billion effort supporting electric and “clean” buses, running over 5 years (FY22-26)

Award Mechanism: Lottery

\$500M

The 2023 CSB Rebate is the third funding round, which will provide a minimum of \$500 Million

Funding Type: Rebate

50/50

Funding split, electric buses versus electric buses + “clean” buses (CNG and Propane)

Application Window: Sept 28, 2023 to Jan 31, 2024 at 4:00pm ET

Award Notification: April 2024

Implementation Deadline: April 2026



Thank You



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