

aces UP



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EV School Buses Are Coming

Eliminating Diesel School Buses

Clean Air

Reducing Health Risks to Children

Greenhouse Gas Reduction

Grid Resiliency

Federal Action

- Bipartisan Infrastructure Bill
 - \$ 500 million per year for 5 years



State Action

- Public Act 22-25
 - 2030 - 100% Reduction in EJ Communities by 2030
 - 2040 – 100% Reduction Statewide

EV School Buses Are Coming

Types of School Buses

- Class 7 = Type C – 26,000+ lbs (up to 78 passengers)
- Class 3-6 = Type B – 10,000+ lbs. (10-25 passengers)

EV Options

Thomas Built

Saf-T-Liner Jouley



Blue Bird

Vision



International

CE



EV Bus Incentives



Clean School Bus Program

Deadline: August 19, 2022

“Full Cost” Grants to Districts (Advance Payment)

\$500 Million Per Year - Competitive Lottery - Priorities

DERA School Bus Rebate Program

Annual Allocation: Fall, 2022 (?)

\$65,000 per Bus for Fleets – Reimbursement

One Awardee per State

EV Bus Incentives



Diesel Emissions Reduction Act (CT DERA)

Annual Allocation <\$1 million – Late 2022 (?)

60% Reimbursement - Not Only School Buses

VW Diesel Emissions Mitigation Program

Annual Allocation ~ \$5 million – Fall, 2022 (?)

65% Reimbursement - Not Only School Buses

****EVSE Only Grant – September 30, 2022****

CT Clean School Bus Grant

Public Act 22-25 - \$20 million

Covers Gap in EV Bus Costs & Grants

Questions That Follow

Question 1 - Who Pays?

Average EV Bus Cost:	\$400,000+
DCFC Charger Installation Cost:	<u>\$200,000</u>
	\$600,000

District vs. School Bus Contractor

- Who Fronts the Cost?
- Who Applies for the Grant?
- Who Provides the Replacement Diesel?

Questions That Follow

Question 2 – Charging Infrastructure

What Type of Charger?

Where Will It Go?

What Will Be the Power Needs?

Who Will Pay the Electric Bill?



Questions That Follow

Question 3 – How Will the Buses Be Used

Range Per Charge: ~160 miles

Daily In-District

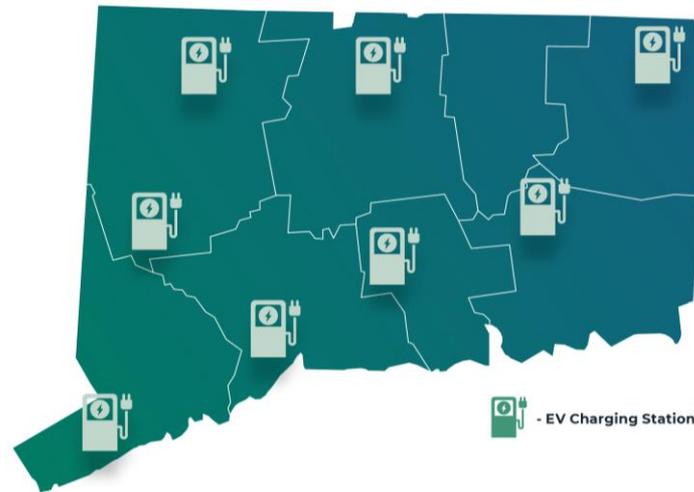
- Miles per Route
- Recharging AM & PM

Out of District

- Range Anxiety
- Access to chargers
- Fast charging vs slow
- Scheduling & availability



- Technical Support for School Districts
 - Grant Applications
 - System Design & Installation
 - Solar & Storage Solutions
 - Demand Charge Management
- A Statewide Network of Dedicated EV Chargers



- For more information contact **Daisy Solutions**
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