

# Greater New Haven Clean Cities Coalition School Bus Incentives by ABM eMobility

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07.12.22



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# Funding

## WHERE TO START?

- [EPA Clean School Bus Program](#)
- [CT Clean Cities Collaborative](#)
  - Capitol Clean Cities of CT
  - CT Southwestern Area Clean Cities
  - Greater New Haven Clean Cities
- Eversource – [Enoch Lenge](#)
- UI – [Marriot Dowden](#)



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# Funding

## WHERE TO START?

- [CT Department of Energy and Environmental Protection](#) (DEEP)
- DEEP seeks information on the development of a Clean School Bus **matching grant program**. Interested parties can provide input by responding to questions listed in the [Request for Information \(RFI\)](#). Please provide comments to [DEEP.mobilesources@ct.gov](mailto:DEEP.mobilesources@ct.gov) with the subject *“Response to Clean School Bus Request for Information”* by Monday, July 11, 2022 at 5:00 PM.



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## Some DEEP Questions:

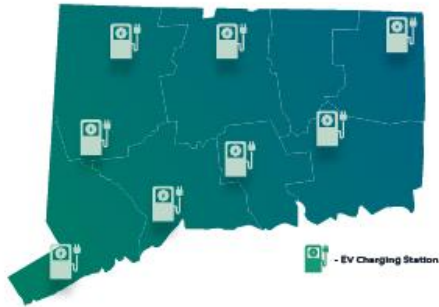
- 1. Are you planning on applying for EPA's first round of Clean School Bus Program funding? [If not, what are the barriers?]
- 2. If you plan to apply, what financial barriers exist for project completion? What non-financial barriers exist?
- 3. If you are a school bus provider, have you contacted your local school district regarding the federal funding opportunity? If you are a school district, have you contacted your local school bus provider about applying for EPA's first round of Clean School Bus funding?





## SUPPORTING THE STATEWIDE DEPLOYMENT OF ELECTRIC SCHOOL BUS TRANSPORTATION

A NETWORK OF DEDICATED EV CHARGERS



### TECHNICAL SUPPORT FOR SCHOOLS AND BUS PROVIDERS

Grant Applications • Design & Installation • Solar & Storage Solutions



- Working with RESCs and CT School Districts.
- [www.aces.org/acesup](http://www.aces.org/acesup)
- Contact Daisy Solutions  
[info@daisy.sol.com](mailto:info@daisy.sol.com)



# Eligible Bus Platforms & Infrastructure

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# School Bus Replacement Funding

## MAX REBATE DEPENDS ON:

- Bus Fuel Type
- Bus Size
- District Meets Prioritization Criteria

## Max Funding Amount Per Replacement Bus

Replacement Bus Fuel Type & Size						
School District Prioritization Status	ZE – Class 7+	ZE – Class 3-6	CNG – Class 7+	CNG – Class 3-6	Propane – Class 7+	Propane – Class 3-6
Buses Serving Districts with 1+ Prioritization Criteria	\$375,000	\$285,000	\$45,000	\$30,000	\$30,000	\$25,000
Buses Serving Other Eligible Districts	\$250,000	\$190,000	\$30,000	\$20,000	\$20,000	\$15,000

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# Infrastructure Funding

## ZERO-EMISSION BUSES

- Max Funding Levels Per Bus
- Limited EPA Rebates

## Max Funding Amount Per Replacement Bus

School District Prioritization Status	ZE – Class 3+ Infrastructure Funding
Buses Serving Districts with 1+ Prioritization Criteria	\$20,000/bus
Buses Serving Other Eligible Districts	\$13,000/bus





# Bus Replacement Guidelines

- Eligible Buses Scrapped if Selected
  - 2010 or older
  - Diesel-powered
  - Internal combustion engines
- Non-Eligible Buses – Also an Option
  - 2011 or newer
  - Internal combustion engines
  - Scrap, sell, donate

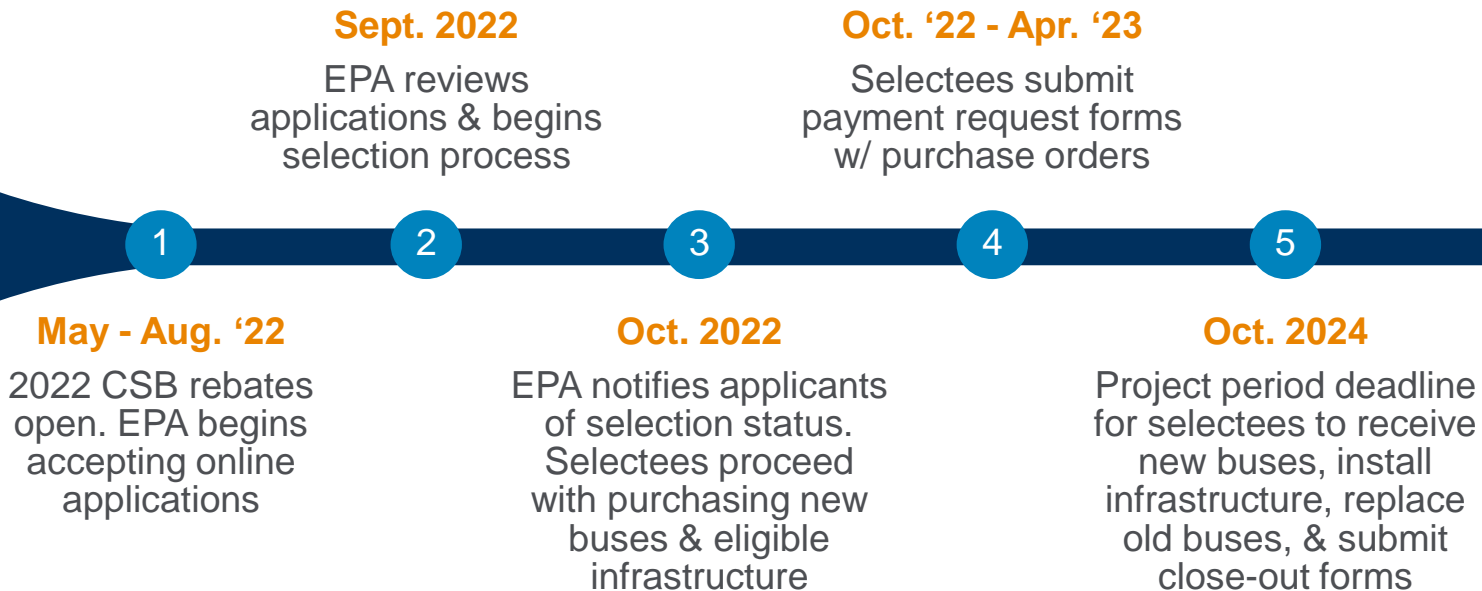


# Bus Replacement Guidelines

## Eligible Buses:

- Gross Vehicle Weight Rating (GVWR) = 10,001+ Lbs.
- Operational at Time of Submission
- Meet Service Requirements:
  - Public school district
  - 2021/2022 school year
  - Minimum average 3-days/week
  - Excluding COVID-related closures

## CLEAN BUS REBATE TIMELINE



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# Propane

Available Opportunities



**propane**  
ENERGY FOR EVERYONE



**1,250,000**

STUDENTS TRANSPORTED

DAILY

STATES WITH

**14**



**500+ BUSES**

**1,000**

DISTRICTS &  
CONTRACTORS  
OPERATE PROPANE  
AUTOGAS BUSES

**22,000+**

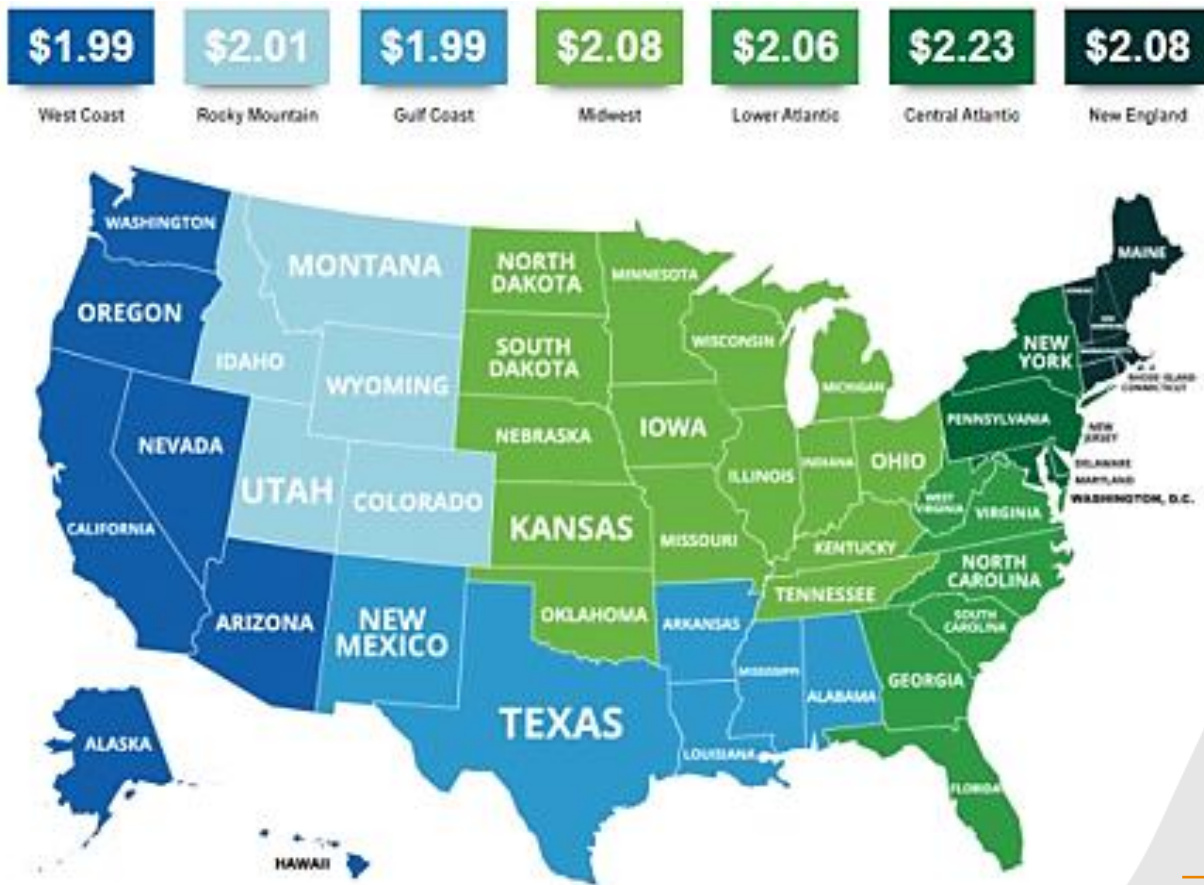
PROPANE AUTOGAS BUSES

ON THE ROAD

# Today's Propane Autogas

AVG. PRICE PER GALLON FOR WEEK OF JUNE 23, 2022

- Based on National Averages
- Does Not Reflect Federal Tax Credits





# Scalable Propane Infrastructure

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# Scrapping is Necessary

BUSES MUST BE OPERATIONAL





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## Important Links to EPA Documents



Joint Office of  
**Energy and  
Transportation**

[CLEAN SCHOOL BUS  
TECHNICAL INQUIRIES & PLANNING](#)



[CLEAN SCHOOL BUS PROGRAM  
ONLINE REBATE APPLICATION](#)

# Future Support Documentation

- [DriveElectric.gov](https://DriveElectric.gov)
- Expanding eSchool Bus Landing Page
- Contact Dept. of Energy for Accurate Information
- [Connecticut's Clean Cities Coalitions](#)





# Alternative Fuels

## DATA CENTER INFO

- Link to: [eSchool Bus Education Resources](#)
- Unbiased Information on Benefits & Funding
- Tools to Determine Payback & Emission Savings

# School Bus Industry Review

## LOCAL DEALERS (ELECTRIC & PROPANE)

- **School Bus OEMs**
  - Bluebird – [Scott Davis](#), [School Lines CT](#)
  - Thomas Built – [Matt Menard](#), [New England Transit](#)
  - IC – [Shane Legare](#), [DATTCO](#)
  - Collins – Brett Adams, [DATTCO](#)
- **Specialty**
  - Lion Electric, [Info](#), [H.K. Truck Center](#),
- **Upfitters**
  - [Sea Electric](#)
  - [UES](#)
  - Zeus - [Brian Barrington](#), [Pegasus](#)





## Additional Sources of Funding

- [Diesel Emission Reduction Grants \(DERA\)](#)
- Discretionary Grants
- [VW EMT Residual Funds](#)
- Grant Mining



Questions?



# Thank You

GET IN TOUCH WITH  
ABM TECHNICAL SOLUTIONS

- Barry Carr, Director Business Development  
315.278.2061 | [Barry.Carr@abm.com](mailto:Barry.Carr@abm.com)
- Paul Wessel, Coordinator  
Greater New Haven Clean Cities | [wessel@nhcleancities.org](mailto:wessel@nhcleancities.org)
- Steve Whaley, Director Business Development, PERC  
864-606-2290 ; [Stephen.whaley@propane.com](mailto:Stephen.whaley@propane.com)



# ABM at a Glance



**Founded in 1909 | \$7.5 Billion in Revenue**

We are the largest comprehensive provider of facilities services.



**350+ U.S. & International Locations**

We operate in all 50 states in the U.S., Puerto Rico, and the U.K.



**20,000+ Clients | 110,000 Employees**

More than 20,000 clients rely on us for facilities services.



## ELECTRICAL

We **rank #1** in EV charging port installation in the U.S.



## ENERGY

We've reduced our client's average energy use by **30%**.



## FACILITIES ENGINEERING

Our **10,000+** certified engineers keep buildings running.



## HVAC & MECHANICAL

We service and maintain **70,000+** heating and cooling systems.



## JANITORIAL

Each day, we clean **4+ billion** sq. ft. of buildings.



## LANDSCAPE & TURF

We maintain **55,000+** acres of landscaping & golf courses.



## MISSION CRITICAL

We service and maintain **35+ million** sq. ft. of data center space.



## PARKING & TRANSPORTATION

We collect **\$2+ billion** in parking revenue for our clients.

# ABM Capabilities & Clients

- Airport EV Parking & Shuttles
- Parking Facilities
- Auto & Commercial Dealerships
- Alternative Fuel Corridors
- Universities
- Distribution & Logistics Facilities
- School Bus Electrification
- Government Facilities
- Grant Harvesting
- Support & Maintenance
- 28,000+ Charge Ports Installed

## eMOBILITY & ELECTRICAL INFRASTRUCTURE





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# ABM Office Locations

## NATIONAL SUPPORT

- **200+** Offices Nationwide
- Experienced Local Management
- Skilled Service Team
- Personalized Service

