

EPA's Clean Vehicle and Equipment Programs Overview

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Midwest Clean Diesel Initiative



**EPA CLEAN
SCHOOL BUS**

DIESEL EMISSIONS REDUCTIONS ACT (DERA)

INFLATION REDUCTION ACT (IRA)

- CLEAN PORTS PROGRAM

- CLEAN HEAVY-DUTY VEHICLE PROGRAM

BIPARTISAN INFRASTRUCTURE LAW (BIL)

- CLEAN SCHOOL BUS PROGRAM

DERA: www.epa.gov/dera/national

Who can apply for DERA Grants?

- ▶ Regional, state, local, tribal or port agency with jurisdiction over transportation or air quality; and
- ▶ Nonprofit organization or institution which
 - ▶ Represents or provides pollution reduction or educational services to persons or organizations that operate diesel fleets; or
 - ▶ Has, as its principal purpose, the promotion of transportation or air quality
- ▶ For-profits and individuals can benefit through partnerships with eligible entities
- ▶ [Separate Tribal NOFO](#) open until Dec. 6

Eligible Vehicles, Engines & Equipment

- May include, but are not limited to:
 - Buses;
 - Class 5 – Class 8 heavy-duty highway vehicles;
 - Marine engines;
 - Locomotives engines; and
 - Non-road engines, equipment or vehicles used in:
 - Construction; Handling of cargo (including at a port or airport); Agriculture; Mining; or Energy production (including stationary generators and pumps)

Among actions DERA can fund:

- Vehicle/equipment replacement including to alt-fuel and zero-emission
- Certified engine replacement including to alt-fuel* and zero-emission
- Idle reduction (on-road/locomotive/marine)

IRA Ports Overview

Who can apply for IRA Ports Funding?

- ▶ Port authority
- ▶ State, regional, local, or Tribal agency that has jurisdiction over a port authority or port
- ▶ Air pollution control agency
- ▶ Private entity that:
 - ▶ Applies in partnership with an eligible entity above, and
 - ▶ Owns, operates, or uses facilities, cargo-handling equipment, transportation equipment, or related technology of a port.

NOFO open until May 28:

- www.epa.gov/ports-initiative/cleanports

Zero-Emission Technology Deployment (~\$2.8B)

- ZE Mobile Equipment that serves a port
 - Cargo handling equipment (e.g., terminal tractors, forklifts, top handlers, side picks, straddle carriers), drayage trucks, locomotives and railcar movers, harbor craft and other vessels (e.g., commercial and Tribal fishing vessels, tugs, ferries, patrol boats, workboats, dredges, pilot boats, barges)
- ZE Infrastructure Serving Mobile Equipment
 - Shore power for marine vessels, electric charging and hydrogen fueling infrastructure as well as battery energy storage systems serving port equipment purchased as part of the applicant's grant award, solar and wind power generation systems that are installed to primarily power mobile equipment, including port equipment purchased as part of the applicant's grant award
- ZE Technology Deployment Support Activities

Climate and Air Quality Planning (~\$150M)

- Emissions inventory and accounting practices (one or more required)
- Stakeholder collaboration and communication, including workforce planning analysis, with a focus on near-port communities
- Strategy analysis and goal-setting
- Resiliency planning

IRA Clean Heavy-Duty Vehicles Overview

Who can apply for IRA CHDV Funding?

- ▶ States, including U.S. territories
- ▶ Municipalities, including public school districts
- ▶ Indian Tribes
- ▶ Nonprofit school transportation associations

Up to \$932M: 70% for CSB, 30% for Vocationals
-\$400M to serve nonattainment areas

Eligible Vehicles:

- Class 6 and Class 7 school buses (*minimum of 10*)
- Other non-school bus Class 6 and Class 7 vehicles, including (but not limited to) (*minimum of 3*):
 - Refuse Haulers/Dump Trucks, Class 6/7 Transit Buses, Delivery Trucks, Utility Trucks, Bucket Trucks, Other Box Trucks

EPA Region 5 anticipates \$100M in funding

Table 2. Mandatory Cost Share and Caps Per-Vehicle

Vehicle Type	Battery-Electric Vehicles (BEVs)		Hydrogen Fuel Cell Vehicles	
	EPA Cost Share Percentage of New Vehicle Price	Per-Vehicle Funding Cap (Vehicle + Infrastructure)	EPA Cost Share Percentage of New Vehicle Price	Per-Vehicle Funding Cap (Vehicle + Infrastructure)
School Bus	75%	\$280,000*	N/A	N/A
Straight/Box Truck	65%	\$190,000	80%	\$400,000
Step Van		\$160,000		\$340,000
Septic Truck or Bucket Truck		\$330,000		\$670,000
Other Vocational Vehicle		\$355,000		\$720,000
Refuse Hauler	50%	\$260,000	70%	\$600,000
Street Sweeper		\$315,000		\$720,000
Transit Bus	33%	\$265,000	60%	\$780,000

Still TBD! Right now, IRA CHDV clean school bus component is where to look for 10+ bus projects

Last year's timing:

Grant component ~summer

Rebate component ~fall

Stay in touch!

1. CSB listserv at <https://www.epa.gov/cleanschoolbus>
2. IL Clean School Bus Coalition at hosna.alexis@epa.gov
3. MCDI CSB Workgroup at maietta.anthony@epa.gov