

A large, faint watermark of the EPA logo is centered in the background. It features a stylized flower with three leaves and a sun-like shape above it, all enclosed within a circular border containing the text "ENVIRONMENTAL PROTECTION AGENCY" and "UNITED STATES".

# **EPA's National Clean Diesel Rebate Program**

2015 School Bus Replacement and Retrofit Funding Opportunity  
Informational Webinar  
October 6, 2015



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# 1. Background

- Children's health is a major priority
- Diesel engines emit nitrogen oxides, particulate matter, and air toxics
- Health benefits are achieved by:
  - Replacing old buses with new cleaner buses, or
  - Installing exhaust retrofit technologies on existing buses



## 2. General Information

- The Diesel Emissions Reduction Act (DERA) allows EPA to offer rebates
- EPA has reserved approximately \$7 million for this year's funding opportunity
- Selected applicants will receive payment when all work is completed
- Applicants are randomly selected
- Two options:
  1. Replace older school buses, or
  2. Retrofit older buses with exhaust controls: diesel oxidation catalyst and closed crankcase ventilation system
- Applicants should read the entire Program Guide for additional details not covered here [www2.epa.gov/cleandiesel/clean-diesel-rebates#2015sb](http://www2.epa.gov/cleandiesel/clean-diesel-rebates#2015sb)



### **3. Applicant Eligibility**

Applicant must be a:

- Regional, state, local, or tribal agency (including school districts & municipalities); or
- Private company operating school buses under an existing contract with an entity listed above to provide transportation services to a specific school district



### 3. Applicant Eligibility (con't)

- Applicant must own the buses to be replaced or retrofitted
  - Copy of vehicle title and registration must be provided as proof of ownership
  - Public school districts may apply with state-owned buses as long as they receive an authorization letter from the state agency that owns the buses (see Appendix C of the Program Guide for a letter template)
  - Buses owned by federal agencies (e.g. Bureau of Indian Affairs) are not eligible
- Applicant must commit to operating the new or retrofitted bus for 3 years after receipt of the rebate



## 4. Replacements: Eligibility for Existing School Buses

- Vehicle size: Class 3-8 (over 10,001 GVWR)
- Powered by a model year of 2006 or older diesel engine
- Transports 10 or more pre-primary, primary, or secondary school students to school or homes
- Operational and in regular use at the time of application
- Usage requirements:
  - Accumulated at least 10,000 miles over the most recent 12 months; or
  - Been in use for at least 3 days per week during the current school year



## 4. Replacements: Requirements for New Buses

- Must be equipped with a certified 2015 or newer model year engine, or operate solely on electricity
- New bus may be conventional or alternatively fueled:
  - CNG, propane, LNG, hybrid, battery electric, other alt. fuels
- Must be operated in the same manner or over similar routes
- Must be of the same or smaller vehicle class as the original bus





## 4. Retrofits: Eligibility for Existing School Buses

- Vehicle size: Class 3-8 (over 10,001 GVWR)
- Powered by a model year 1994 – 2006 diesel engine
- Engine must be well-maintained and not originally equipped with a DOC or diesel particulate filter
- Engine be compatible with the selected DOC + CCV and EPA or CARB verified:
  - EPA Verified Technologies: [www.epa.gov/otaq/diesel/verification/verif-list.htm](http://www.epa.gov/otaq/diesel/verification/verif-list.htm)
  - CARB Verified Technologies: [www.arb.ca.gov/diesel/verdev/vt/cvt.htm](http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm)
- Transports 10 or more pre-primary, primary, or secondary school students to school or homes
- Operational and in regular use at the time of application
- Usage requirements:
  - Accumulated at least 10,000 miles over the most recent 12 months; or
  - Been in use for at least 3 days per week during the current school year



## 4. Retrofits: Requirements for Retrofitted Buses

- Applicants should work with manufacturers and suppliers to ensure the engine type and model year are compatible with the DOC + CCV technology and should negotiate a warranty
- Parts and installation should not exceed \$3,000 for each retrofit
- Perform regular engine maintenance to ensure DOC performance
- No modifications should be made to the retrofit technologies or engine after installation
- Follow CCV maintenance schedule for filter cartridge replacements
- The retrofitted bus should be operated in the same manner or over similar routes



## 5. Funding Amounts

- For retrofits, EPA will pay up to \$3,000 for each DOC + CCV
- For replacements, EPA will pay the following:

<b>Class</b>	<b>Gross Vehicle Weight Rating</b>	<b>Rebate Amount</b>
Class 3	10,001-14,000 lbs	\$15,000
Class 4	14,001-16,000 lbs	\$15,000
Class 5	16,001-19,500 lbs	\$15,000
Class 6	19,501-26,000 lbs	\$20,000
Class 7	26,001-33,000 lbs	\$20,000
Class 8	33,001+ lbs	\$25,000



## 6. Application Submission

- EPA began accepting applications on September 28
- Applicants must have a DUNS number [www.dnb.com](http://www.dnb.com) and Employer Identification Number (EIN)
- Application package must include:
  - Application form
  - Scanned vehicle title and registration for each bus listed
  - Authorization letter for public school districts applying with state-owned buses
- Email application package to [CleanDieselRebate@epa.gov](mailto:CleanDieselRebate@epa.gov) and include your organization's name in the subject line
- Deadline: **Friday, October 30, 2015, 4:00pm Eastern Time**



## 6. Application Form

- Applications must include:
  - VIN
  - Engine model year (maybe different than vehicle model year)
  - Gross Vehicle Weight Rating (GVWR)
  - Engine manufacturer
  - Engine family name
  - Annual miles/fuel use/idling hours
  - If the fleet has an idle reduction policy
- List up to 10 buses for replacement and 10 buses for retrofit
- Applicants with 101 or more buses in current operation may submit two applications
  - At least one of the applications must list 10 buses for either replacement or retrofit
  - List different buses on each application; do not submit the same application twice
  - Sign both applications



## 7. Selection of Participants

- EPA will review applications for eligibility
- Eligible applicants will be assigned a random number and chosen by lottery
  - Applications are chose at random until all funds are reserved
  - At least one application will be chosen per EPA Region
  - At least one tribal application will be chosen
  - Remaining applications will be put on wait list



## 7. Notification of Selectees

- EPA will notify selected applicants by letter (selection letter)
  - Amount of funds reserved
  - Additional conditions to be met before rebate is issued
- Selectees must register in the System for Award Management [www.sam.gov](http://www.sam.gov)
- Selectees will be posted on website
- Wait list of applicants will be posted on website



## 8. Purchase Order Submittal

- Within 90 days of the selection letter
  - Proof of a purchase order for new bus or for DOC + CCV must be submitted to EPA
  - Purchase order **cannot** pre-date the selection letter





## 9. Delivery of New Bus / DOC + CCV Installation

- Obtain the bill of lading / proof of delivery for new buses or the installation receipt for retrofitted buses
  - Submit with the payment request form after the old buses have been scrapped or installation of the DOC + CCV is complete
  - EPA will pay the receipt amount for parts and installation of the DOC + CCV amount up to \$3,000 per bus



## 10. Scrappage Requirements

*For replaced buses only*

- Replaced school buses must be scrapped by drilling a hole in the engine block and cutting the chassis rail in half
- Required documentation:
  - Section 10 of the Program Guide details proof of scrappage requirements including required photos
  - Appendix F of the Program Guide has a sample scrappage certification letter
- Equipment that is not part of the engine or chassis may be salvaged
- Note: Replaced buses are **REQUIRED** to be scrapped in this program.



## 11. Payment Request Process

- Payment Request package must include:
  - Payment request form (EPA will provide to selectees)
  - Proof of scrappage (replaced buses only)
  - Copy of new bus or DOC + CCV invoice(s)
  - Copy of bill of lading or receipt for installation(s)
- EPA will review the payment request and supporting documents
- When all requirements are met, EPA will issue funds electronically to the selectee



## **12. Additional Requirements (Appendix G)**

- Buses must be available for follow-up inspection for 3 years after receipt of the rebate
- Selectees must maintain all records and documentation for 3 years after the receipt of the rebate
- Rebates may not be used to fund the cost of emissions reductions mandated under federal law



## Additional Information

- 2015 School Bus Replacement and Retrofit Rebate webpage:
  - [www2.epa.gov/cleandiesel/clean-diesel-rebates#2015sb](http://www2.epa.gov/cleandiesel/clean-diesel-rebates#2015sb)
- Email questions to:
  - [CleanDieselRebate@epa.gov](mailto:CleanDieselRebate@epa.gov)