



Bureau of Air Quality

Onroad Rebate Program CY2018-2019

A Driving PA Forward Program

Overview and Application Process Webinar

December 3, 2018

Presented by:

Samantha Harmon

Pennsylvania Department of Environmental Protection

Bureau of Air Quality

Webinar Agenda

1. Background and Scope
2. Onroad Rebate Information
 - a. Available Funding
 - b. Rebate Amounts
 - c. Project Period
 - d. Funding Type
 - e. Public Disclosure
3. Eligibility Information
 - a. Eligible Applicants
 - b. Ineligible Applicants
 - c. Eligible Diesel Vehicles and Project Types
 - d. Ineligible Diesel Vehicles and Engines
4. Program Requirements
 - a. Drayage Trucks
 - b. Class 4-7 Trucks
 - c. Class 4-8 School Buses and Shuttle Buses
 - d. Project Costs
5. How to Apply
6. How to Redeem a Rebate Voucher
7. Reporting Requirements
8. Website
9. Application Instructions and Walk-through

Background and Scope

- Reducing emissions from diesel engines is a significant air quality challenge facing the Commonwealth of Pennsylvania.
- The Wolf Administration has developed new grant and rebate programs under the Driving PA Forward initiative
 - to improve air quality in Pennsylvania
 - drive transformation from older, polluting diesel engines to clean technologies
 - reduce (NOX) emissions from diesel-powered mobile sources through funding diesel emission reduction projects.
- New engine technologies can significantly reduce pollutants from vehicles and engines that rely on older diesel technology.
- The Onroad Rebate Program is one of the Driving PA Forward financial incentive programs that the PA Department of Environmental Protection (DEP) has developed to fund Eligible Mitigation Actions (EMAs) from Pennsylvania's \$118.5 million allocation from the State Mitigation Trust.

Background and Scope

Definitions

- ‘Class 4-7 Local Freight Trucks (Medium Trucks)’ – trucks, including commercial trucks, used to deliver cargo and freight (e.g., courier services, delivery trucks, box trucks moving freight, waste haulers, dump trucks, concrete mixers, and others) with a Gross Vehicle Weight Rating (GVWR) between 14,001 and 33,000 lbs.
- ‘Drayage Trucks’ – trucks used for drayage, limited to hauling cargo to and from ports and intermodal rail yards.
 - ‘Drayage’ – a truck pickup from or delivery to a seaport, border point, inland port, or intermodal terminal with both the trip origin and destination in the same local area. For the purpose of this program, local area is defined as within 20 miles of the trip origin.
 - ‘Port’ - a site located at a point along navigable waters (seaport), at a point along an international border (border point), or at a location away from navigable waters or international borders that is used to facilitate the transfer of goods between modes of transportation including air, marine, rail, and truck (inland port or intermodal terminal).

Background and Scope

Definitions

- ‘School Bus’ – a Class 4-8 bus sold or introduced into interstate commerce for purposes that include carrying students to and from school or related events. May be Type A, B, C or D. Vehicle must be registered in Pennsylvania as a school bus.
- ‘Shuttle Bus’ – a Class 4-8 bus that travels exclusively between two set points, by appointment or by a set schedule. For the purpose of this program, a shuttle bus must be capable of transporting at least six non-driver passengers and no more than 50 non-driver passengers.

Onroad Rebate Information

- Available Funding - CY2018-2019 funding available under the Onroad Rebate Program is \$12 million.
- Rebates are either a max dollar amount or max percentage of project costs, whichever is less.
- The amount calculated using the calculator is the maximum amount an applicant can receive, even if final project costs are higher than estimated.
- The final rebate amount may be lower than the voucher amount, if final costs are lower than anticipated, but it cannot be higher than the voucher amount.
- No more than \$500,000 in vouchers to any single entity at one time.
- No more than 10 vehicles to any single entity at one time.
- Applicants can apply for additional rebates once rebates have been redeemed to bring balance below \$500,000 in vouchers or 10 vehicles.
- Applications reviewed on a first come, first served basis.
- May be combined with other such rebates or subsidies to receive multiple benefits for the same project.

Rebate Amounts

Table 1: Maximum Rebate Amounts for Government (G) or Non-Government (NG) Owned Diesel or Alternative Fuel Replacements or Repowers

Project Type	Maximum Rebate Diesel	Maximum Rebate Alternative Fuel	OR (whichever is less)	Maximum % of Total Project Cost (Diesel or Alternative Fuel)
NG - Class 4-5 Vehicle Replacement or Repower	\$15,000	\$22,500	or	25%
G - Class 4-5 Vehicle Replacement or Repower	\$30,000	\$45,000	or	50%
NG - Class 6-7 Vehicle Replacement or Repower	\$25,000	\$37,500	or	25%
G - Class 6-7 Vehicle Replacement or Repower	\$50,000	\$75,000	or	50%
G and NG - Drayage Truck Replacement	\$68,000	\$78,000	or	50%
G and NG - Drayage Truck Repower	\$54,400	\$62,400	or	40%
NG - School Bus Replacement or Repower	\$20,000	\$25,000	or	25%
G - School Bus Replacement or Repower	\$40,000	\$50,000	or	50%
NG - Shuttle Bus Replacement or Repower	\$32,500	\$37,500	or	25%
G - Shuttle Bus Replacement or Repower	\$65,000	\$75,000	or	50%

Rebate Amounts

Table 2: Maximum Rebate Amounts for Government (G) and Non-Government (NG) Owned Electric Replacement or Repower

Project Type	Maximum Rebate Electric - Vehicle Only	Maximum Rebate Electric - with Infrastructure	OR (whichever is less)	Maximum % of Total Project Cost (Electric)
NG and G - Class 4-5 Vehicle Replacement or Repower	\$135,000	\$142,500	or	75%
NG and G - Class 6-7 Vehicle Replacement or Repower	\$157,500	\$165,000	or	75%
NG and G - Drayage Truck Replacement or Repower	\$225,000	\$232,500	or	75%
NG and G - School Bus Replacement or Repower	\$187,500	\$195,000	or	75%
NG and G - Shuttle Bus Replacement or Repower	\$151,500	\$159,000	or	75%

Rebate Amounts

Table 3: Maximum Rebate Amounts for Act 47* Municipality-Owned Diesel, Alternative Fuel, and Electric Replacements or Repowers

Project Type	Maximum Rebate Diesel	Maximum Rebate Alternative Fuel	Maximum Rebate Electric - Vehicle Only	Maximum Rebate Electric with Infrastructure	OR (whichever is less)	Maximum % of Total Project Cost (Diesel or Alternative Fuel)	Maximum % of Total Project Cost (Electric)
Class 4-5 Vehicle Replacement or Repower	\$60,000	\$90,000	\$180,000	\$190,000	or	100%	100%
Class 6-7 Vehicle Replacement or Repower	\$100,000	\$150,000	\$210,000	\$220,000	or	100%	100%
Drayage Truck Replacement or Repower	\$136,000	\$156,000	\$300,000	\$310,000	or	100%	100%
School Bus Replacement or Repower	\$80,000	\$100,000	\$250,000	\$260,000	or	100%	100%
Shuttle Bus Replacement or Repower	\$130,000	\$150,000	\$202,000	\$212,000	or	100%	100%

*Note: Preference will be given to applicants that are approved distressed municipalities under Act 47, Financially Distressed Municipalities Act of 1987, by allowing up to 100 percent reimbursement for eligible projects. Such municipality must be identified on DCED's website to be eligible.

Onroad Rebate Information

- Project Period – 180 days from date voucher is issued to complete project.
- Funding Type – Rebate program.
 - Successful applicants issued a rebate voucher.
 - Voucher is redeemed when project is complete.
 - An applicant issued a rebate voucher will pay all project costs and submit proof that project invoices have been paid, proof of project work completion, and other documentation with a rebate voucher redemption request to DEP.
- Public Disclosure – Onroad Rebate Program applications and supporting documentation are public documents and subject to disclosure to the public upon request.

Eligibility Information

Eligible Applicants:

1. Businesses
2. Incorporated non-profit
3. State and Local Government
 - a. Including: school district, municipality, city, county, special district, transit district, joint powers authority, or port authority, owning fleets purchased with government funds; or tribal governments
4. Local, regional, or multi-state air quality or transportation organizations
5. Metropolitan or rural planning organizations
6. Some Federal agencies

Ineligible Applicants:

1. Businesses not incorporated or registered in PA
2. Individuals applying as individuals, not on behalf of an eligible applicant.

Eligibility Information

Eligible Diesel Vehicles

- Class 4-7 Local Freight Trucks with Engine Model Years (MY)1992-2009.
- Drayage Trucks MYs 1992-2009, that meet the definition of drayage truck in these guidelines.
- Class 4-8 School Buses with Engine MY 2009 or older.
- Class 4-8 Shuttle Buses with Engine MY 2009 or older.

Eligible Project Types

- Repower with a new MY 2018 or newer diesel or alternative fueled engine, including all-electric engines, or a new MY 2016 or newer for drayage trucks.
- Replacement with a new MY 2018 or newer diesel or alternative fueled vehicle, including all-electric vehicles, or a new MY 2016 or newer for drayage trucks.
- All repowered or replaced engines or vehicles must be scrapped or rendered permanently inoperable in accordance with DEP instructions prior to redemption of a rebate voucher.
- All vehicles and engines must be purchased no more than 30 days prior to the date of a rebate application or during the rebate voucher period.

Eligibility Information

Ineligible Diesel Vehicles and Engines

- Local Freight Trucks below Class 4.
- School Buses or Shuttle Buses below Class 4.
- Local Freight Trucks or Drayage Trucks that are MY 1991 or older, or newer than MY 2009.
- Buses newer than MY 2009.
- Any vehicle or engine that is not listed above in Section II.C.
- Non-diesel-powered vehicles and engines.
- Vehicles and engines with less than three (3) years of useful life remaining or scheduled for replacement within less than 3 years of the project completion date in accordance with the applicant's normal attrition schedule are not eligible for funding.
- Vehicles that have not operated in the applicant's fleet for at least one year prior to the application date.
- Vehicles or engines designated for repower or replacement where most of its annual operation time DOES NOT occur within the Commonwealth.
- Vehicles or engines being replaced or repowered that are not operational or that DO NOT have a valid Pennsylvania state registration, if required.
- Vehicles or engines purchased (paid for and delivered) more than 30 days prior to the date of the rebate application or any time after the rebate voucher period has closed.

Program Requirements

Drayage Trucks

- Current vehicles or engines must be diesel-powered and MY 1992 through MY 2009.
- New engines or vehicles must be MY 2016 or newer.
- Existing and new vehicles must be used as drayage trucks, as defined in the Program Guidelines Glossary.

Class 4-7 Local Freight Trucks

- Current vehicles or engines must be diesel-powered and MY 1992 through MY 2009.
- New engines or vehicles must be the model year in which the replacement or repower occurs or one engine model year prior.

Class 4-8 School Buses and Shuttle Buses

- Current vehicles or engines must be MY 2009 or older.
- New engines or vehicles must be the model year in which the replacement or repower occurs or one engine model year prior.
- For all categories, current vehicles or engines must be scrapped or rendered permanently inoperable.
- For all categories, vehicles or engines can be repowered or replaced with a new vehicle or engine fueled by diesel, alternative fuels, or all-electric.

Program Requirements

Eligible Projects Costs – All project costs must be necessary for, and directly connected to, the purchase and installation of new engines or the purchase of new vehicles.

- New engine purchase cost, including taxes and fees.
- New engine installation costs.
- New vehicle purchase costs, including taxes and fees, for similarly outfitted vehicle.
- Infrastructure costs for electric charging infrastructure, if purchased and installed in conjunction with an eligible all-electric repower or replacement.
 - Electric vehicle supply equipment (EVSE) purchase cost.
 - EVSE installation costs.
 - Electric service upgrades.
 - Connecting EVSE to electrical service.

Ineligible Project Costs

- Costs to upgrade vehicles beyond similar functions and amenities of the replaced vehicle.
- Any fees associated with electric charging infrastructure not specified above.
- Construction or modification of buildings and parking facilities to accommodate alternatively fueled vehicles.
- Administrative costs.
- Electric supply costs.

How to Apply


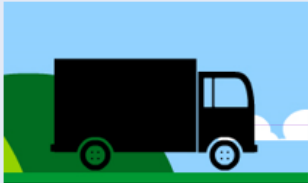
- DEP began accepting applications for the Onroad Rebate Program November 15, 2018.
- The program will remain open for applications until December 31, 2019, or the issue of \$12 million in vouchers, whichever occurs first.
- See the Onroad Rebate Program Application Instructions document for detailed, step-by-step instructions for registering in eGrants and applying for the rebate.

How to Apply

- DEP will only accept rebate applications submitted through the Department of Community and Economic Development's (DCED) Electronic Single Application website, eGrants, at: <https://www.esa.dced.state.pa.us/Login.aspx>.
- Minimum application information
 - Applicant and organization information
 - Project location
 - Project Type
 - Project summary
 - Current and new vehicle/engine information
 - Rebate calculator

How to Redeem Voucher

**Pennsylvania Department of Environmental Protection
Onroad Rebate Program
A Driving PA Forward Program**

Rebate Voucher ID #	<input type="text"/>	
Rebate Voucher Issue Date	<input type="text"/>	
Rebate Voucher Expiration Date	<input type="text"/>	
Rebate Voucher Amount	<input type="text"/>	
Recipient Contact Person	<input type="text"/>	
Recipient Organization	<input type="text"/>	

How to Redeem Voucher

- Register for Partner Portal within 10 days of receipt of voucher. You will need the voucher ID# (or applicant ESA application ID#) to do so.
- Complete project prior to voucher expiration date
- Upload the following documentation in Partner Portal:
 - Final Rebate Calculation Worksheet
 - Copies of invoices for all eligible project costs
 - Proof of payment for all eligible project costs
 - Proof of scrappage of existing vehicle or engine, including a Certificate of Destruction and all photos required to be submitted with that document
 - Payee contact and bank wire information for payment from the Trustee (form provided)

How to Redeem Voucher

- Upon DEP approval of the final documentation, DEP will apply to the Trustee of the State Mitigation Trust for direct rebate payment to the holder of the voucher.
- Due in part to the application processing time required by the Trustee, payment of the rebate may take up to 90 days.

Reporting Requirements

- All rebate recipients will be required to submit a one (1) year follow-up report after project completion.
- DEP will identify the submission due dates and provide reporting instructions upon completion of the project.
- If a rebate recipient fails to submit the information by its due date, DEP will not review and may suspend other rebate applications and voucher redemption requests from that recipient until the reporting requirement is fulfilled.
- The information submitted to DEP will identify one year of vehicle or engine usage data. The following information will be requested from each project. Additional information may also be requested.
 - Annual mileage
 - Annual fuel use
 - Annual emission reductions

Website

- Program Guidelines, Application Instructions (including screenshots), Rebate Calculation Worksheet, and a link to the eGrants log-in webpage are available here under Types of Projects:

<http://www.depgis.state.pa.us/DrivingPAForward/>

▶ Application Instructions and Walk-through

- Live Demonstration of Application Process
- Screenshots available in Application Instructions

Questions?

- DEP Assistance and Contacts
Questions regarding the application process, including signing up for access and any issues with completing the online application should be directed to the DCED Customer Service Center at 1-800-379-7448. They are open 8:30 am-5:00 pm EST Monday thru Friday.
- Any questions about the contents of the application questions, deadlines, and webinar registration should be directed to Samantha Harmon at 717.787.9495, or by e-mail to RA-EPVWMITIGATION@pa.gov.