



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Air Quality

Pennsylvania State Clean Diesel Grant Program FY2017

Overview and Application Process Webinar

June 6, 2018

Presented by:

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Pennsylvania Department of Environmental Protection

Bureau of Air Quality

Webinar Agenda

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Background and Scope

- PA has one of the largest vehicle populations, including a large population of diesel vehicles and equipment.
- PA is a major freight corridor, for both rail and trucking, for the Northeast US.
- PA also contains a number of warehouses, intermodal facilities, several international airports, three ports used by commercial marine vessels, and numerous railroads.
- New EPA standards for diesel vehicles and equipment (2007 and 2010 standards) ensure that new MD and HD diesel engines will be less polluting.
- Diesel engines can operate for 25 to 30 years.
- Replacing, retrofitting, or repowering older diesel vehicles and engines can reduce precursor pollutants of PM_{2.5} and ozone by as much as 90% or more.

Background and Scope

- Goal – Improve PA’s air quality by decreasing emissions from diesel-powered mobile sources through funding diesel emission reduction projects.
- DEP will consider projects in all of the categories listed as eligible projects by applicants listed as eligible applicants.
 - A single proposal may target multiple fleets, fleet types, and/or diesel emission reduction solutions.
- Eligible projects include, but are not limited to:
 - exhaust controls; engine upgrades and remanufacture systems; verified idle reduction technologies; aerodynamic technologies and low rolling resistance tires; and/or certified vehicle, equipment, or engine replacements.
- Eligible diesel vehicles, engines, and equipment:
 - buses, medium-duty or heavy-duty trucks, nonroad engines, equipment or vehicles used in construction, cargo handling, agriculture, mining or energy production, marine engines and locomotive engines.

Award Information

- Available Funding - The fiscal year (FY) 2017 funding available under the Pennsylvania State Clean Diesel Grant Program is \$688,697.
- Project Period – The date a grant agreement is fully executed to September 30, 2018. Extensions are allowed and will be considered on a case-by-case basis.
- Funding Type – A reimbursement grant program.
- Technology Compatibility – Technology changes will not be allowed after a project has been selected for funding.

Eligibility Information

Eligible Applicants:

1. Businesses
2. 501(3)(c) Incorporated non-profit
3. School districts.
4. Municipal governments and municipal authorities.
5. Other Commonwealth agencies.
6. Local, regional, or multi-state air quality or transportation organizations.
7. Metropolitan or rural planning organizations.

Ineligible Applicants:

1. 501(4)(c) Non-profit organizations
2. Federal government agencies.
3. Individuals applying as individuals, not on behalf of an eligible applicant.

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 1: Exhaust Control Eligibility

Medium and Heavy-Duty Trucks, Transit Buses, and School Buses Eligibility

Current Engine Model Year (EMY)	DOC+/- CCV	DPF	SCR
	+/- Tires and Aerodynamics		
older - 1994	No	No	No
1995 - 2006	Yes	Yes	Yes
2007 to 2009	No	No	Yes
2010 - newer	No	No	No

Nonroad Engines

Current Engine Horsepower	Current Engine Model Year (EMY) and Tier	Verified Exhaust Control
0-50	2005 and Newer; Unregulated – Tier 2	Yes
51-300	1995 and Newer; Tier 0 – Tier 2	Yes
51-300	1995 and Newer; Tier 3	Yes
301+	1985 and Newer; Tier 0 – Tier 2	Yes
301+	1985 and Newer; Tier 3	Yes

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 2: Engine Upgrade and Remanufacture System Eligibility

Nonroad Engines

Current Engine Horsepower	Current Engine Model Year (EMY) and Tier	Verified Engine Upgrade
0-50	2005 and Newer; Unregulated – Tier 2	Yes
51-300	1995 and Newer; Tier 0 – Tier 3	Yes
301-750	1985 and Newer; Tier 0 – Tier 3	Yes
751+	1985 and Newer; Tier 0 – Tier 2	Yes

Marine Engines

Current Engine Tier	Certified Remanufacture System	Verified Engine Upgrade
Unregulated – Tier 2	Yes	Yes
Tier 3 - 4	No	No

Locomotive Engines

Current Locomotive Tier	Certified Remanufacture System
Unregulated - Tier 2	Yes
Tier 2+ switcher	Yes
Tier 2+ line haul	Yes
Tier 3 – Tier 4	No

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 3: Idle Reduction Technology Eligibility

Locomotives		Class 8 Long Haul Trucks and School Buses	
Current Locomotive Tier	Idle- Reduction Technology	Current Engine Model Year (EMY)	Verified Idle Reduction
Unregulated - Tier 2	Yes*	older - 1994	No
Tier 2+ switcher	Yes*	1995 - 2006	Yes
Tier 2+ line haul	Yes*	2007 to 2009	Yes**
Tier 3 – Tier 4	No	2010 - newer	No

*Automatic Engine Start-Stop technologies are only eligible to be installed on locomotives certified to Tier 0 or unregulated.

**Auxiliary Power Units and generators are not eligible on vehicles with EMY 2007 or newer.

- Marine Shorepower Connection System
- Electrified Parking Spaces/Truck Stop Electrification (EPS/TSE)

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Verified Aerodynamic Technologies and Low Rolling Resistance Tires Eligibility

- Long haul Class 8 trucks can be retrofitted with aerodynamic trailer fairings, or the fairings can be provided as new equipment options. EPA-verified aerodynamic technologies include:
 - gap fairings that reduce the gap between the tractor and the trailer to reduce turbulence;
 - trailer side skirts that minimize wind under the trailer; and
 - trailer rear fairings that reduce turbulence and pressure drop at the rear of the trailer.
- Certain tire models can provide a reduction in NO_x emissions and fuel savings, relative to the “standard” new tires for long haul Class 8 trucks, when used on all axles.
 - includes both dual tires and single wide tires
 - Low rolling resistance tires can be used with lower-weight aluminum wheels to further improve fuel savings; however, aluminum wheels are not eligible for funding under this project solicitation.

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 4: Engine Replacement Eligibility

Nonroad					Highway		
Current Engine Horsepower	Current Engine Model Year (EMY) and Tier*	Engine Replacement: EMY 2017+*			Current Engine Model Year (EMY)	Engine Replacement: EMY 2017+ (2012+ for Drayage)	Engine Replacement: Electric**
		Tier 0 - 3	Tier 4	All-Electric			
0-50	2005 and Newer; Unregulated – Tier 2	No	Yes	Yes	older - 1994	No	No
51-300	1995 and Newer; Tier 0 – Tier 3	No	Yes	Yes	1995 - 2006	Yes	Yes
301-750	1985 and Newer; Tier 0 – Tier 3	No	Yes	Yes	2007 to 2009	No	Yes
751+	1985 and Newer; Tier 0 – Tier 2	No	Yes	Yes	2010 - newer	No	No

*Nonroad – Tier 3 and Tier 4 interim (4i) allowed for vehicle/equipment replacement only when Tier 4 final is not yet available from OEM for 2017 model year equipment under the Transition Program for Equipment Manufacturers (TPEM).

**Highway – Hydrogen fuel cells are only eligible for repowers for eligible urban transit buses and eligible drayage trucks, as defined in this project solicitation.

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 5: Vehicle and Equipment Replacement Eligibility

Highway and Drayage

Current Engine Model Year (EMY)	Vehicle Replacement: EMY 2017+ (2012+ for Drayage)	Vehicle Replacement: Electric
older - 1994	No	No
1995 - 2006	Yes	Yes
2007 to 2009	No	Yes
2010 - newer	No	No

Nonroad

Current Engine Horsepower	Current Engine Model Year (EMY) and Tier	Vehicle/Equipment Replacement: EMY 2017+			
		Tier 0 - 2	Tier 3 - 4i	Tier 4	All- Electric
0-50	2005 and Newer; Unregulated – Tier 2	No	No	Yes	Yes
51-300	1995 and Newer; Tier 3	No	No	Yes	Yes
301+	1985 and Newer; Tier 3	No	No	Yes	Yes

*Nonroad – Tier 3 and Tier 4 interim (4i) allowed for vehicle/equipment replacement only when Tier 4 final is not yet available from OEM for 2017 model year equipment under the Transition Program for Equipment Manufacturers (TPEM).

Eligibility Information

Eligible Diesel Vehicles, Engines, Equipment, and Project Types

Table 5: Vehicle and Equipment Replacement Eligibility

Locomotives

Current Locomotive Tier	Locomotive Replacement: EMY 2017+* or Electric		
	Tier 0+ - 3	Tier 4	All- Electric
Unregulated - Tier 2	No	Yes	Yes
Tier 2+ switcher	No	Yes	Yes
Tier 2+ line haul	No	No	No
Tier 3 – Tier 4	No	No	No

*Locomotive – Previous engine model year engines may be used if the engine is certified to the same emission standards applicable to EMY 2017.

Eligibility Information

Fleet Expansion, Replacement Criteria, and Normal Attrition

- No funds awarded under this program may be used for the purchase of vehicles, engines, or equipment to expand a fleet.
- Replacement projects are eligible for funding on the condition that the following criteria are satisfied:
 - Replacement vehicle, engine, or equipment will continue to perform the same function and operation as the vehicle, engine, or equipment that is being replaced.
 - Replacement vehicle, engine, or equipment will be of the same type and similar gross vehicle weight rating or horsepower as the vehicle, engine, or equipment being replaced.
- Nonroad: Horsepower increases of more than 25 percent will require specific approval by DEP prior to purchase, and the applicant may be required to pay the additional costs associated with the higher horsepower equipment.
- Highway: The engine's primary intended service class must match the vehicle's weight class. Exceptions may be granted for vocational purposes but will require specific DEP approval prior to purchase.

Eligibility Information

Fleet Expansion, Replacement Criteria, and Normal Attrition

- Normal Attrition:
 - Engine, vehicle, and equipment replacements that would have occurred through normal attrition are considered to be the result of normal fleet turnover and are not eligible for funding under this program.
 - Normal attrition is generally defined as a replacement that is scheduled to take place within 3 years of the project start date. Normal attrition is typically defined by the vehicle or fleet owner's budget plan, operating plan, standard procedures, or retirement schedule.
 - For example, if a school bus fleet typically retires vehicles after 20 years, a bus that is currently in its 18th or 19th year of service is not eligible for replacement. A bus that is currently in its 17th year of service and has three years of service remaining (as defined by the fleet's retirement schedule) is eligible for replacement.
 - Normal attrition does not include replacements that must occur due to a state or local mandate.

Eligibility Information

Ineligible vehicles, engines, and equipment:

1. Class 1-4 vehicles (Vehicles with a gross vehicle weight rating (GVWR) of 16,000 or fewer pounds).
2. Non-diesel-powered vehicles, engines, and equipment.
3. Vehicles, engines, and equipment with less than three years of useful life remaining or scheduled for replacement within less than 3 years of the project completion date are not eligible for funding.
4. A bus or medium-duty or heavy-duty highway vehicle that is a MY 1994 vehicle or older.
5. Nonroad engines and equipment that operate 500 hours per year or less.
6. Locomotive or marine engines that operate 1,000 hours per year or less.
7. Marine shore connection system projects that are expected to be utilized less than 1,000 MW-hr/year.
8. Locomotive shore connection system projects that are expected to be utilized less than 1,000 hours/year.
9. Vehicles, engines, or equipment designated for retrofit, repower, or replacement where most of its annual operation time DOES NOT occur within the Commonwealth.
10. Vehicles being replaced or repowered that are not operational or that DO NOT have a valid Pennsylvania state registration, if required.

Eligibility Information

Ineligible projects:

1. Projects already completed or started prior to submitting an application to DEP.
2. Projects physically located entirely outside of Pennsylvania.
3. Projects that are intended for fleet expansion.
4. The repair or salvaging of a disabled vehicle, or scheduled or routine maintenance and repairs due to accidents or neglect.
5. Projects that were previously funded by a different state or federally funded grant program.
6. Projects that replace or repower an alternative fuel vehicle, engine or equipment.
7. Projects with no measurable environmental net benefit for the Commonwealth.
8. Replacements that would have occurred through normal attrition.
9. Projects for the purchase of single-wide wheels except where a fleet is retrofitting from standard dual tires to SmartWay-verified single-wide low rolling resistance tires. In this case, the cost of single-wide wheels would be acceptable as additional equipment necessary to use the SmartWay verified technology.
10. Projects to purchase of exhaust controls, idle reduction technologies, low rolling resistance tires or advanced aerodynamic technologies if similar technologies have previously been installed on the truck or trailer.
11. Projects to retrofit, replace, upgrade or install idle reduction technologies on eligible locomotives or marine engines that operate less than 1,000 hours per year.

Funding Restrictions

Funding cannot be used to:

- To fund the costs of emission reductions that are mandated under federal law, pursuant to 42 U.S.C. 16132(d)(2) or any other federal, state or local mandates.
- As matching funds for other federal grants, lobbying, or intervention in local, state, or federal regulatory or adjudicatory proceedings, and cannot be used to sue the Commonwealth of Pennsylvania or any other government entity.
- **To cover expenses incurred prior to the project period set forth in any grant agreement funded by the PA State Clean Diesel Grant Program. Additionally, expenses incurred prior to the project period set forth in any grant agreement resulting from this project solicitation are not eligible as a cost-share for proposed projects.**
- To prepare the PA State Clean Diesel Grant Program grant application.

Funding Restrictions

Funding cannot be used to:

- For vehicle title, registration and inspection fees, permit fees, or any other fees not approved by DEP in writing.
- For administrative costs exceeding 15 percent total of project costs.
- For the purchase of formerly verified technologies.
- For replacements and repowers that would have occurred through normal attrition.
- For the purchase of vehicles, engines, or equipment to expand a fleet.
- To fund any projects not identified as eligible on the charts on the previous slides or in the program guidelines document.

Cost Share, Scrappage and Program Income

Mandatory Cost-Share Requirement

Project Type	DEP Cost-Share	Applicant Mandatory Cost Share	Restrictions
Verified Exhaust Controls	100%	0%	
Engine Upgrades/ Remanufacture - Locomotives, Marine, or Nonroad	40%	60%	
Idle Reduction - Locomotives	40%	60%	
Idle Reduction - Marine Shore Power	25%	75%	
Idle Reduction - Truck Stop Electrification/ Electrified Parking Spaces	30%	70%	
Idle Reduction - Highway Vehicles	25%	75%	Class 8 long-haul trucks and school buses only.
Verified Aerodynamic Technologies and Verified Low Rolling Resistance Tires	100%	0%	Only if combined on same vehicle with new installation of one or more Verified Exhaust Controls.

➤ Cost Share, Scrappage and Program Income

Mandatory Cost-Share Requirement

Project Type	DEP Cost-Share	Applicant Mandatory Cost Share
Certified Engine Replacement - Diesel or Alt Fuel	40%	60%
Certified Engine Replacement - Electric	60%	40%
Certified Engine Replacement - Low NOx	50%	50%
Certified Vehicle/Equipment Replacement - Locomotive and Nonroad	25%	75%
Certified Vehicle/Equipment Replacement - Highway and Buses	25%	75%
Certified Vehicle/Equipment Replacement - Low NOx	35%	65%
Certified Vehicle/Equipment Replacement - Electric	45%	55%
Certified Vehicle/Equipment Replacement - Drayage	50%	50%

➤ Cost Share, Scrappage and Program Income

Voluntary Cost-Share Requirement

- Applicants may provide a voluntary cost-share or overmatch to improve the environmental outputs and outcomes of the project and to score higher during evaluation.

Program income

- gross income received by the grantee or sub-recipient that is directly generated by a grant supported activity or earned as a result of the grant award during the period of performance.
- generally limited to the sale of scrapped or remanufactured engines/chassis or salvaged engine/vehicle/equipment components and does not include revenue generated through the commercial use of vehicles and equipment.
- Program income can be used in several ways, but generally must be put back toward the project.

Scrappage

- The vehicle, equipment, and/or engine being replaced must be scrapped or rendered permanently disabled within ninety (90) days of being replaced.

General Conditions, Reporting, and Project Monitoring

- Public Disclosure of Application Documents –
 - PA State Clean Diesel Grant Program applications are public documents and subject to disclosure to the public upon request.
 - Proprietary information must be clearly marked as proprietary. (APCA)
- Additional Conditions
 - DEP may consider past performance of applicants who have received state funded grants when determining grant eligibility.
 - All projects must be in compliance with all applicable local, state, and federal laws and must adhere to DEP guidance and policies.
 - Applicants must not have any outstanding obligations (financial or otherwise) to the Commonwealth and must not have any unresolved environmental violations.
 - Grantees must secure all permits or approvals otherwise required for the project to proceed, including permits required by DEP.
 - All projects must be consistent with the applicable provisions of the Keystone Principles for Growth, Investment and Resource Conservation; a description of the Keystone Principles is available at:
www.phmc.state.pa.us/bhp/pkp.pdf.

General Conditions, Reporting, and Project Monitoring

- Reporting Requirements
 - Quarterly Reports: Quarterly reports will be submitted to DEP within 14 days after the end of each quarter during the project period. Reporting quarters end March 31, June 30, September 30, and December 31.
 - Final Report: A final report will be submitted to DEP upon completion of the project, no later than 30 days after the Project Completion Date established by the grant agreement or future amendments.
 - 1-Year Follow-Up Report: A 1-year follow-up report will be submitted to DEP, at the earliest, one year after the Project Completion Date, but no later than one year and 30 days after the Project Completion Date.
- Financial Monitoring
 - Grantees must properly manage and account for funding received under the PA State Clean Diesel Grant Program and any matching funds provided by the applicant and any program income generated as a result of the project.
 - All funding must be spent in accordance with the spending plan included in the grant agreement.
 - See guidelines for additional requirements.

General Conditions, Reporting, and Project Monitoring

- Project Status and Monitoring
 - Provide DEP with the status of the project work, as compared to the Project Work Plan in quarterly reports.
 - Provide a status report with each application for reimbursement.
 - DEP may, at any time during the project period, request an update on the status of the project.
 - Project Completion
 - Must be completed in accordance with the specifics of the grant agreement.
 - Must adhere to scrappage requirements, when applicable.
 - The project will not be considered complete until an on-site inspection of the project work is performed by DEP to confirm the project work is complete.

Scoring

Scoring Matrix

Eligibility	Yes/No
Applicant is an Eligible Applicant	
Project is an Eligible Project Type	
Project Fleet is an Eligible Fleet	
Project Can Be Completed by September 30, 2018	
Project is Technically Feasible	
Project Results in Environmental Benefit to the Commonwealth	
Applicant Meets Minimum Match Requirements	

Topic	Possible Points	Score
Applicant a small business Yes: 10 points No: 0 points	0 to 10 points	
Emission Reductions: Under this section, points are awarded based on the percentage of annual emissions reduced from the baseline for each pollutant. 0% reduction - 0 points 1% -25% reduction - 5 points 26% - 50% reduction - 10 points 51% - 75% reduction - 15 points 76% or greater reduction - 20 points	0 to 20 points for each pollutant (100 points total available)	
Emission Reductions: PM.		
Emission Reductions: NO _x		
Emission Reductions: HC		
Emission Reductions: CO		
Emission Reductions: CO ₂		
Total NO _x Emission Reductions: Under this section, points are awarded based on the total annual NO _x emission reductions of the project. Valid applications will be compared to all other valid applications submitted during each application period and ranked from the most total NO _x emission reductions to the least total NO _x emission reductions. Maximum points available will be the number of applications received (X). The applicant with the highest total emission reductions will receive X points. The next highest applicant will receive (X-1) points and so on.	X points	
Total NO _x Emission Reduction Points		
Fleet Size: Under this section, points are awarded for the number of vehicles or engines in the fleet proposed for retrofit, repower, replacement or other modification under the grant program.	5 to 15 points	
Fleet Size (Vehicles and/or Engines): 1 to 4 - 5 points		
Fleet Size (Vehicles and/or Engines): 5 to 8 - 10 points		
Fleet Size (Vehicles and/or Engines): Greater than 8 - 15 points		

Match Funding: Under this section, points are awarded based on whether the applicant meets or exceeds match requirements. Match requirements are specific to each project type. Applicants must meet minimum match requirements and provide proof of the matching funds.	0 to 10 points	
Match Funding - Meets Match Requirement or Exceeds Match Requirement by less than 5% Above Requirement - 0 points		
Match Funding - Exceeds Match Requirement 5-10% Above Requirement - 5 points		
Match Funding - Exceeds Match Requirement by More Than 10% of Requirement - 10 points		
Project Location: Under this section, points are awarded based on the location of the project.	0 to 50 points	
Located in an Act 47 Financially Distressed Municipality - 5 points		
Located in a Brownfield - 5 points		
Located in an Environmental Justice Area - 10 points		
Located in a Priority Area - 5 points		
Located in a High Pollution Area - 5 points		
Population Density:		
High Population Density Area - 10 points		
Medium Population Density Area - 5 points		
Low Population Density Area - 0 points		
Traffic Density:		
High Traffic Density Area - 10 points		
Low Traffic Density Area - 0 points		
Project Narrative – See application instructions for details. Business Description - 0 to 5 points Fleet Description - 0 to 10 points Proposed Project Detailed Description - 0 to 10 points Work Plan with Schedule - 0 to 10 points.	0 to 35 points	
Applicant Fleet Description – Points are awarded for filling out all of the mandatory information. See Section 19.b. of the instructions for what information is mandatory. All mandatory information complete - 5 points Mandatory information incomplete - 0 points	0 to 5 points	
TOTAL POINTS	6 to (225+X¹) points	

¹ – Dependent on number of applicants. Total possible points will increase by the number of applicants (X).

Scoring

- Eligibility – review of basic eligibility requirements.
- Emission Reductions – Points for both the percent reduction from baseline and the total NOx reductions.
- Fleet Size – Points based on the size of the fleet proposed for funding.
- Match Funding – Points for meeting or exceeding match funding requirements.
- Project Location – Points based on project location.
- Population and Traffic Density – Points based on density at project location for each.
- Project Narrative – Points are awarded if the applicant has adequately addressed all required information for the project narrative.
- Applicant Fleet Description – Points will be awarded if the applicant has filled out the provided spreadsheet with enough information to evaluate if the proposed fleet is valid for the proposed project.

Scoring

- **Project Selection**
 - Complete applications will be reviewed and evaluated by a panel of air quality experts using the criteria defined on the previous slide.
 - Applications with the highest scores will be considered first for funding.
 - Additional projects if additional funds remain, based on scoring.
 - Remaining applicants may be offered funds at levels below request.
- **Notification of Applicants**
 - All applicants will receive notification whether or not they are being offered grant funding.
 - Unsuccessful applicants can contact DEP to discuss the details of why the application was not selected.
 - Successful applicants will be assigned a DEP project advisor; grantees may be required to meet with DEP staff to review contract requirements.
 - Successful grantees - execute the grant agreement, including a detailed scope of work, project schedule, budget and other information.
 - Project work cannot begin until registrations for DUNS Number or SAP Vendor Number are complete.

How to Apply

- DEP is accepting applications for the PA State Clean Diesel Grant Program May 19 – July 6, 2018.
- DEP may request missing information or modifications to the application from the applicant.
- DEP may also offer an additional opportunity to apply for funds through the PA State Clean Diesel Grant Program within the same fiscal year.
- Additional application opportunities would be announced in the Pennsylvania Bulletin and on the DEP Web site.
- Complete submissions must be submitted by 4 P.M. July 6, 2018.
- All applications must be submitted through DEP's electronic application system.

How to Apply

- The PA State Clean Diesel Grant Application must be submitted through the Department of Community and Economic Development's (DCED) Electronic Single Application website, also referred to as the eGrants application system, found at: <https://www.esa.dced.state.pa.us/Login.aspx>.
- 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 717.705.7686 or by e-mail at saharmon@pa.gov.

Website

- Program Guidelines, Application Instructions (including screenshots), and a link to the eGrants log-in webpage are available here under Diesel Programs:
- <http://www.depgis.state.pa.us/DrivingPAForward/>

Application Instructions and Walk-through



Help Contact Us

Walkthroughs

[Application Walkthrough](#) (For most of the program applications)

[Condensed Application Walkthrough](#) (For specific program applications that do not require a project narrative)

New Features

Single Application now collects:

- “Jobs that Pay” for all job creation programs
- Certified Community information (Sustainable Pennsylvania) Link
(<http://www.sustainablepacommunitycertification.org/>)

Applications are best applied for by using Internet Explorer or Google Chrome and have not been tested with other browsers.

Important Note: If you registered in the old Single Application, you should not Register again. Please login with your current User Name and Password to update your Account Information.

REGISTER

(First Time User? Click the button above)

FORGOT PASSWORD

(Forgot Your Password? Click the button above)

Login

What's New?

For an overview of the changes in the new Single Application, please read [Help](#).

User Name

Password

LOGIN

[Commonwealth of PA Privacy Statement](#)



pennsylvania
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PROTECTION

Application Instructions and Walk-through

PA

[Login](#) [Help](#) [Contact Us](#)

Single Application Registration Information

In order to use the Web Submission of Single Application for Assistance you must have a valid PA PowerPort user name and password. If you do not have a PA PowerPort profile, simply fill out the form below and press the "Submit" button. To help provide a more detailed and easier process while filling out your application we are asking for information that will help us provide you with the best possible programs and screens.

PA Login Information

◆ Required Fields

First Name: ◆

Last Name: ◆

Address: ◆

City: ◆

State: ◆

Zip Code: ◆

Email Address: ◆

User Name: ◆

Password: ◆

Confirm Password: ◆

Security Question: ◆

Security Answer: ◆

Single Application Information

Reset

Are You Applying As? For Profit Non Profit Government Other



Application Instructions and Walk-through

PA

Home Help Contact Us Logout

Submitted Applications User Settings

Begin a New Application

To begin a new Single Application For Assistance, enter a brief name for the project (up to sixty characters) and answer whether you need help selecting your program. If you already know the name of the program you want to apply for, answer "No".

Project Name

Do you need help selecting your program?

File Edit View Favorites Tools Help

PA

Home Help Save Print Contact Us Logout

Program

Agency: Pennsylvania Department of Community and Economic Development
Applicant: Web Application #: 8126656
Program: DCED

Select Program

To search for programs based on your organization and/or project, click the Program Finder button below.

Program Name

Sort By

1 results. [Edit Search](#)

Search Results

Below is an alphabetical listing of all programs matching the search criteria above. If you are eligible to apply, click the Apply link to select the program.

Pennsylvania State Clean Diesel Grant Program (DERA)
Pennsylvania Department of Environmental Protection

The Pennsylvania State Clean Diesel Grant Program funds projects that improve Pennsylvania's air quality by decreasing emissions from diesel-powered highway and non-road vehicles and equipment. The program will support projects reduce diesel related emissions by replacing, re-powering, or retrofitting diesel powered vehicles and equipment.

The grant program will be available to organizations that operate diesel-powered fleets throughout Pennsylvania.

Application Instructions and Walk-through

Home Help Save Print Contact Us Logout

Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant
Program: Pennsylvania State Clean Diesel Grant Program (DERA) Web Application #: 8126719

Applicant Information

To copy your Registration information into the application, click the "Use Account Information" button below.

USE ACCOUNT INFORMATION

Applicant Entity Type:

Limited Liability Partnership Partnership

Government Non-Profit Corporation

Sole Proprietorship Limited Liability Company

S Corporation C Corporation

Applicant Name:

Incorporated in PA? Yes

Registered to do business in PA? Yes

NAICS Code

PA Revenue Tax Box#:

FEIN/SSN Number

*Please enter FEIN as 9 digits, no dash.

DUNS Number:

CEO:

CEO Title:

SAP Vendor #:

(xxxxxx or xxxxxx-xxx)

Application Instructions and Walk-through

(XXXXX or XXXXX-XXX)

Contact Name: ◆

Contact Title: ◆

Phone: ◆ Ext.

(XXX-XXX-XXXX)

Fax:

E-mail:

Mailing Address: ◆

City: ◆

State: PA ▼

Zip Code: ◆

Enterprise Type

Indicate the types of enterprises that describe the organization listed above. You may select more than one type. ◆

<input type="checkbox"/> Advanced Technology	<input type="checkbox"/> Agri-Processor	<input type="checkbox"/> Agri-Producer	<input type="checkbox"/> Authority	<input type="checkbox"/> Biotechnology / Life Sciences
<input type="checkbox"/> Business Financial Services	<input type="checkbox"/> Call Center	<input type="checkbox"/> Child Care Center	<input type="checkbox"/> Commercial	<input type="checkbox"/> Community Dev. Provider
<input type="checkbox"/> Computer & Clerical Operators	<input type="checkbox"/> Defense Related	<input type="checkbox"/> Economic Dev. Provider	<input type="checkbox"/> Educational Facility	<input type="checkbox"/> Emergency Responder
<input type="checkbox"/> Environment and Conservation	<input type="checkbox"/> Exempt Facility	<input type="checkbox"/> Export Manufacturing	<input type="checkbox"/> Export Service	<input type="checkbox"/> Food Processing
<input type="checkbox"/> Government	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Hospitality	<input type="checkbox"/> Industrial	<input type="checkbox"/> Manufacturing
<input type="checkbox"/> Mining	<input type="checkbox"/> Other	<input type="checkbox"/> Professional Services	<input type="checkbox"/> Recycling	<input type="checkbox"/> Regional & National Headquarters
<input type="checkbox"/> Research & Development	<input type="checkbox"/> Retail	<input type="checkbox"/> Social Services Provider	<input type="checkbox"/> Tourism Promotion	<input type="checkbox"/> Warehouse & Terminal

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Project Overview

Project Name:

Is this project related to another previously submitted project?

If yes, indicate previous project name:

Have you contacted anyone at DEP about your project?

If yes, indicate who:

Is your community certified through [Sustainable Pennsylvania?](#)

If yes, what level:
 Bronze Silver Gold Platinum

Are you interested in applying for multiple funding sources for this project?
You are only permitted to apply for one program per application. By answering "Yes", you will be given the ability to apply for an additional program on the Certification page after this application has been submitted.

How many Site Locations are involved in the project?

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Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Project Site Location(s)

To add Project Site Locations, please see the [Project Overview](#) section.

Site 1

Address:

City:

State: PA

Zip Code:

County: -- Select County -- ▾

Municipality: -- Select Municipality -- ▾

PA House: ◆

PA Senate: ◆

US House: ◆

Designated Areas:

<input type="checkbox"/> Act 47 Distressed Community	<input type="checkbox"/> Brownfield
<input type="checkbox"/> Enterprise Zone	<input type="checkbox"/> Greenfield
<input type="checkbox"/> Keystone Innovation Zone	<input type="checkbox"/> Keystone Opportunity Zone
<input type="checkbox"/> Prime Agricultural Area	<input type="checkbox"/> Uses PA Port

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Project Narrative

Adequate answers to the Project Narrative questions below are required; a minimum of 100 characters has been established for each answer. Uploaded attachments or mailed documents are no longer permitted in this section of the application. If a more detailed narrative is required for the Program selected, instructions will either be provided in the Program Addenda section or the Program Guidelines.

Business Description

Provide a description of the applicant organization, including but not limited to the type of organization and what the organization does.
Character Count: 0/3000 characters

Fleet Description

Provide a description of the organizations diesel fleet including what type of engines, equipment, and/or vehicles are part of the fleet, how many are in the fleet and what type of tasks are performed by the fleet. See [Instructions](#) for information required in this section.
Character Count: 0/3000 characters

Proposed Project Summary

Provide a summary of the proposed project. If the project is in a 'high pollution area', details describing the area should be included here. Applicants should also describe why the project is needed and why the grant is needed to complete the project. See [Instructions](#) for information required in this section.
Character Count: 0/6000 characters

Work Plan with Schedule

Applicants must provide a preliminary work plan that includes an implementation schedule identifying sub-tasks, schedule for their completion and identification of parties responsible for their accomplishment. See [Instructions](#) for information required in this section.
Character Count: 0/6000 characters

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
 Applicant: Applicant Web Application #: 8126719
 Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Program Budget

Please see the [Help](#) section for details on how to complete the Program Budget.

Spreadsheet
Basis of Cost

Budget Spreadsheet ◆

The first column indicates the amount of funding you are requesting from DEP. After completing the budget, please complete the [Basis of Cost](#) tab. Included is a Budget Narrative where you can provide a more detailed description of specific line items.

	Pennsylvania State Clean Diesel Grant Program (DERA)	Match Private	Total
Add funding source			
Pennsylvania State Clean Diesel Grant Program (DERA) - Collapse	\$0.00	\$0.00	
Personnel Remove	\$0.00	\$0.00	\$0.00
Contractual Remove	\$0.00	\$0.00	\$0.00
Equipment Remove	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	
		Budget Total:	\$0.00

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant
Program: Pennsylvania State Clean Diesel Grant Program (DERA)
Web Application #: 8126719

Program Addenda

Below are additional application requirements specific to the program you selected. If you are having problems completing the Program Addenda because your organization or project do not meet the requirements listed below, please try [changing your program](#).

- 1. Small Business Designation**
Is the applicant a business with fewer than 100 full-time equivalent employees?
- 2. Doing Business As or DBA**
If you are doing business under a name different than the entity's legal name ("Doing Business As, or DBA"), please enter it here and attach your DBA documentation under question 15, below (Supporting Documentation).
- 3. Organization Types**
Select one of the following organization types for your organization
If Air Quality or Transportation Organization is selected, identify...
A) The Pennsylvania-based member:

B) The eligible entity it has partnered with or is managing project for:
- 4. Project Duration**
Identify the anticipated Project start date and end date. (Please note: Project period begins upon grant award and must end by September 30, 2018, unless an extension is granted by DEP.)
Start Date:
End Date:

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5. Project Type

Choose the applicable project type by selecting yes/no from the below. If more than one project type is proposed, select yes for all that apply and provide details in the Project Narrative Tab under the Proposed Project Summary. See Program Guidelines for detailed project type descriptions. ♦

- Purchase and installation of EPA or CARB certified/verified exhaust controls.
- Purchase and installation of EPA or CARB certified/verified engine upgrade or remanufacture system.
- Purchase and installation of EPA or CARB certified/verified idle reduction technology – Only for locomotive, marine shore power, truck stop electrification/electrified parking space, long-haul Class 8 truck and school bus projects.
- Purchase and installation of EPA or CARB certified/verified aerodynamic technologies and low rolling resistance tires – Only for long-haul Class 8 trucks and must be in combination with verified exhaust controls.
- Purchase of EPA or CARB certified/verified diesel vehicle or equipment replacement, including clean alternative fuel replacements.
- Purchase of EPA or CARB certified/verified diesel engine replacement, including clean alternative fuel replacements.

6. Facility or Infrastructure Project

Are facilities or infrastructure developments or improvements needed for this project? ♦

If yes, is your project consistent with a county, municipal or multi-municipal comprehensive plan or zoning ordinance?

7. Brownfield or Environmental Justice Location

See Instructions for guidelines on identifying brownfields and Environmental Justice areas

Is the project located on a Brownfield (a vacant, previously utilized site)? ♦

Is the project located on a designated Environmental Justice site? ♦

8. Priority Areas

Is the project located in a priority area, as defined in the Instructions. ♦

If yes, identify the county(ies)

9. High Pollution Areas

Is the project located in a 'high-pollution area', as defined in the Instructions? ♦

If yes, select the type of 'high-pollution area' from the choices below

- Port Rail Yard Terminal Distribution Center Truck Stop Construction Site School Bus Yards/Depot

10. Population Density

Is the project location in a high, medium or low population density municipality? ♦

Identify the municipality. See Instructions. ♦

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11. Traffic Density
Is the project in a high traffic density area? ♦

If yes, select all that applies

Project Location Area of Operation

12. Vehicle, Engine, or Equipment Quantity
Identify the number of vehicles, engines, or equipment to be retrofitted, upgraded or replaced in the proposed project. If the project is a truck stop electrification, marine shore power, or locomotive shorepower project, indicate the number of charging/hook-up locations will be installed. ♦
Character Count: 0/1000 characters

13. Complete and Upload the Annual Emission Summary
Use the U.S. EPA's Diesel Emission Quantifier (DEQ) to quantify emission reduction estimates for this project. See the Instructions for more information on using the DEQ. If your project emission reductions cannot be estimated using the DEQ, contact the Department to receive approval for an alternate calculation method. ♦
[Download Annual Emission Summary.doc](#)

Upload Files
Click "Browse" to select a file. Each file can be no larger than 30MB.

File 1

14. Upload the Applicant Fleet Description
You can either fill out and upload the excel spreadsheet or you can provide the mandatory information in a Word document. See the Instructions for details on mandatory information. ♦
[Download Applicant Fleet Description.doc](#)

Upload Files
Click "Browse" to select a file. Each file can be no larger than 30MB.

File 1

15. Upload any supporting documentation
Applicant should attach any letters of financial commitment, letters of support or any other pertinent information suitable for review. If DEQ results are printed out or downloaded, they should be included in this Attachment.

Upload Files
Click "Browse" to select a file. Each file can be no larger than 30MB.

File 1

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Application Certification

The following sections are incomplete. All required fields marked with a red diamond (♦) must be completed before you are able to submit this application:

Applicant

- Please Check PA Tax Box Number is correct.

Project Narrative

- Business Description must be at least 100 characters long.
- Fleet Description must be at least 100 characters long.
- Proposed Project Summary must be at least 100 characters long.

Program Addenda

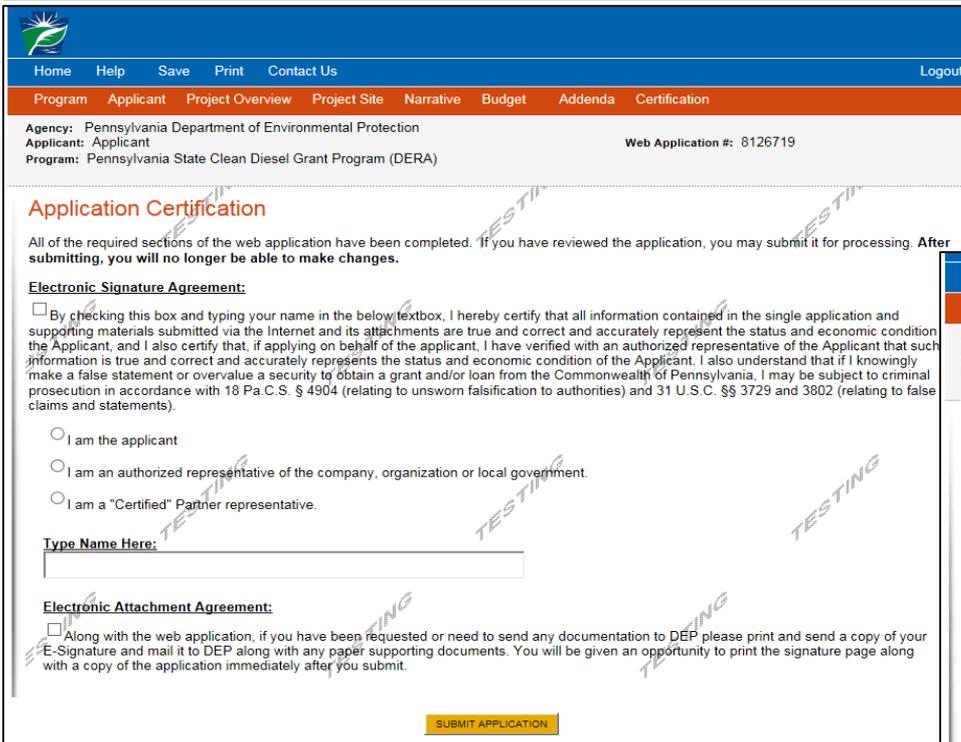
- Designation is required.
- Organization Types is required.
- Start Date is required.
- End Date is required.
- Project Type is required.
- Facility or Infrastructure Project is required.
- Brownfield is required.
- Environmental Justice is required.
- Priority Area is required.
- High-Pollution Area is required.
- Population Density is required.
- Municipality is required.
- High Traffic Density Area is required.
- Vehicle Engine or Equipment Quantity is required.
- Annual Emission Summary has not been uploaded.
- Applicant Fleet Description has not been uploaded.

Your application is automatically saved as you work. Feel free to exit this application and return at a later time.

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Program Applicant Project Overview Project Site Narrative Budget Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Application Certification

All of the required sections of the web application have been completed. If you have reviewed the application, you may submit it for processing. After submitting, you will no longer be able to make changes.

Electronic Signature Agreement:

By checking this box and typing your name in the below textbox, I hereby certify that all information contained in the single application and supporting materials submitted via the Internet and its attachments are true and correct and accurately represent the status and economic condition of the Applicant, and I also certify that, if applying on behalf of the applicant, I have verified with an authorized representative of the Applicant that such information is true and correct and accurately represents the status and economic condition of the Applicant. I also understand that if I knowingly make a false statement or overvalue a security to obtain a grant and/or loan from the Commonwealth of Pennsylvania, I may be subject to criminal prosecution in accordance with 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) and 31 U.S.C. §§ 3729 and 3802 (relating to false claims and statements).

I am the applicant

I am an authorized representative of the company, organization or local government.

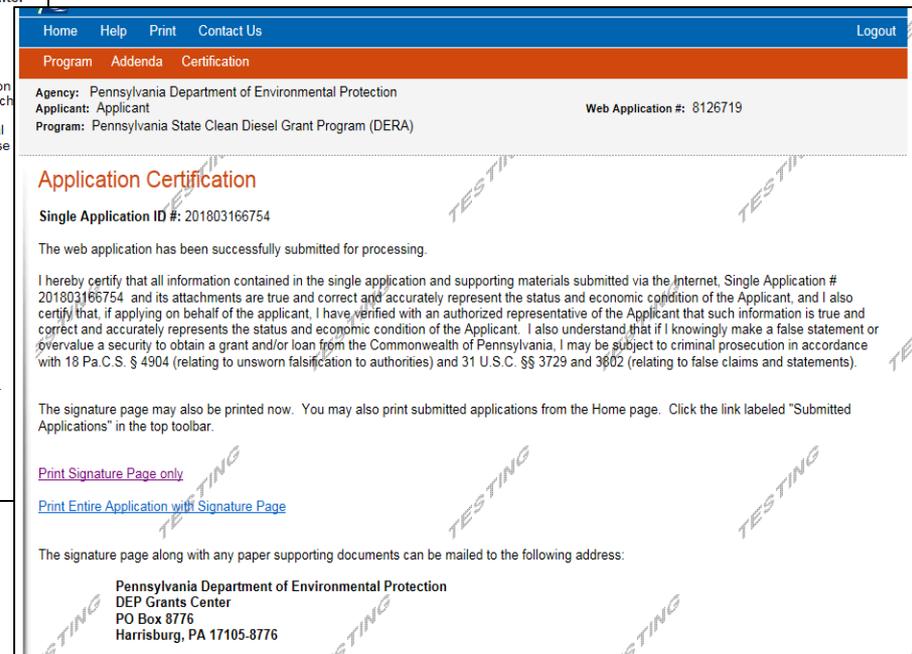
I am a "Certified" Partner representative.

Type Name Here:

Electronic Attachment Agreement:

Along with the web application, if you have been requested or need to send any documentation to DEP please print and send a copy of your E-Signature and mail it to DEP along with any paper supporting documents. You will be given an opportunity to print the signature page along with a copy of the application immediately after you submit.

SUBMIT APPLICATION



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Program Addenda Certification

Agency: Pennsylvania Department of Environmental Protection
Applicant: Applicant Web Application #: 8126719
Program: Pennsylvania State Clean Diesel Grant Program (DERA)

Application Certification

Single Application ID #: 201803166754

The web application has been successfully submitted for processing.

I hereby certify that all information contained in the single application and supporting materials submitted via the Internet, Single Application # 201803166754 and its attachments are true and correct and accurately represent the status and economic condition of the Applicant, and I also certify that, if applying on behalf of the applicant, I have verified with an authorized representative of the Applicant that such information is true and correct and accurately represents the status and economic condition of the Applicant. I also understand that if I knowingly make a false statement or overvalue a security to obtain a grant and/or loan from the Commonwealth of Pennsylvania, I may be subject to criminal prosecution in accordance with 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) and 31 U.S.C. §§ 3729 and 3802 (relating to false claims and statements).

The signature page may also be printed now. You may also print submitted applications from the Home page. Click the link labeled "Submitted Applications" in the top toolbar.

[Print Signature Page only](#)

[Print Entire Application with Signature Page](#)

The signature page along with any paper supporting documents can be mailed to the following address:

Pennsylvania Department of Environmental Protection
DEP Grants Center
PO Box 8776
Harrisburg, PA 17105-8776



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Air Quality

Questions?

Contact:

Samantha Harmon

Air Quality Program Specialist

Pennsylvania State Clean Diesel Grant Program Administrator

saharmon@pa.gov

717.705.7686