

2019 DieselWise Indiana Clean Diesel Grant Webinar





2019 DieselWise Indiana Solicitation for Projects

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Overview

- Why Clean Diesel?
- Eligible Grant Applicants
- Eligible Vehicles, Engines, and Equipment
- Available Funding
- Eligible Projects and Percentage of Project Costs Covered
- Application and Selection Process
- Evaluation Criteria



Why Clean Diesel?

- Diesel engines are the workhorses of the nation. Many diesel engines already have some form of emission controls, but the legacy fleet still in use continues to emit large amounts of nitrogen oxides, particulate matter, and air toxics.
- These emissions are linked to premature deaths, asthma attacks, lost workdays, and other health impacts every year.
- IDEM is working to reduce harmful tailpipe emissions through partnerships that advance clean diesel fuel, engine and retrofit technologies, and idle reduction.





Eligible Grant Applicants

- **Public diesel fleets** – Examples include state, county, city, municipal, school, and quasi-governmental fleets
- **Private diesel fleets** – Examples include single vehicle owner operators; large onroad fleets; mining, marine, and construction equipment; and locomotives
- **Public-private partnerships focused on alternative fuels** – Examples include a private alternative fuel infrastructure company along with a public need serving fleet partner
 - Public need is loosely defined as a public service that is often provided by a municipality that may be contracted to a private entity (i.e., school bus contracts, refuse and recycling collection, etc.)



Eligible Vehicles, Engines, and Equipment

Projects may include, but are not limited to:

- Buses
- Medium-duty or heavy-duty trucks
- Marine engines
- Locomotives
- Nonroad engines, equipment or vehicles used in:
 - Construction, cargo handling (including at a port or airport), agriculture, mining, or energy production (including stationary generators and pumps).



Available Funding

- \$585,000 is available for clean diesel projects!
 - Roughly \$350,000 for diesel emission reduction projects
 - Roughly \$235,000 for alternative fuel infrastructure projects
 - Minimum single grant award: \$20,000
 - Maximum single grant award: \$250,000
 - Applications due Friday, February 22, 2019
 - Most projects must be completed by September 30, 2019



Eligible Projects and Percentage of Project Costs Covered

- U.S. EPA and/or California Air Resources Board (CARB) Verified Retrofit Technologies
 - Examples include diesel oxidation catalysts, diesel particulate filters, and closed crank case ventilation systems.
 - *DieselWise Indiana will cover up to 100%.*
- U.S. EPA and/or CARB Verified Idle Reduction Technologies
 - Examples include auxiliary power units, fuel operated heaters, battery air conditioning systems, and thermal storage systems.
 - *DieselWise Indiana will cover up to 25% (Onroad) and 40% (locomotive).*



Eligible Projects and Percentage of Project Costs Covered

- U.S. EPA Diesel Engine Upgrades and Remanufactures
 - Examples include the installation of hardware and/or software that lowers the levels of diesel emissions from the engine/vehicle.
 - *DieselWise Indiana will cover up to 40%.*
- U.S. EPA Certified Engine Replacements
 - Examples include pulling existing diesel engine from operating equipment, and replacing engine and emission control equipment.
 - *DieselWise Indiana will cover up to 40% (diesel or alternative fuel) and 60% (all-electric).*
- U.S. EPA Certified Vehicle and Equipment Replacements
 - Examples include pulling entire vehicle/equipment out of service, and replacing with cleaner diesel alternative serving the same purpose.
 - *DieselWise Indiana will cover up to 25% (diesel or alternative fuel), 45% (all-electric), and 50% (drayage trucks).*



Eligible Projects and Percentage of Project Costs Covered

- U.S. EPA and/or CARB Verified Aerodynamic/Low Rolling Tires
 - Examples include trailer side skirts, trailer gap reducers, trailer boat tails, and single wide wheels and tires.
 - *Not eligible as stand-alone projects but can be funded in coordination with exhaust retrofit projects.*
- Public-private alternative fuel infrastructure/fleet partnerships
 - Examples include labor and equipment necessary for the installation of CNG and LNG infrastructure.
 - Public need fleets must demonstrate existing or future commitment to support adequate fuel volume of partner infrastructure.
 - *DieselWise Indiana will cover up to 50%.*



Application and Selection Process

1. Applicants submit proposals to DieselWise Indiana administrator via email.
2. IDEM's technical staff reviews, scores, and ranks the proposals.
3. IDEM finalizes funding recommendations based on score, rank, and other factors.
4. IDEM develops a grant agreement and it is executed by all parties.
5. Upon full execution of the grant agreement, grant recipients begin their projects.



Evaluation Criteria

Criteria	Points
<ul style="list-style-type: none"> Project’s total emission reduction potential (based on type of project and/or the use of vehicle). 	25
<ul style="list-style-type: none"> Level of commitment from the equipment owner/operator. This includes the willingness of the owner/operator to provide a financial match to leverage grant funds and/or provide an in-kind match, as well as a documented commitment to ensure project goals are met. 	25
<ul style="list-style-type: none"> Proximity to sensitive populations such as day care facilities, schools, nursing homes, and residential areas. 	15
<ul style="list-style-type: none"> Term remaining of useful vehicle life. 	15
<ul style="list-style-type: none"> Reduction in fuel and oil consumption and other fluid or solid wastes from idling diesel engines. 	15
<ul style="list-style-type: none"> Willingness to establish and enforce an Idle Restriction and Use Policy to maximize the use of onroad or nonroad idle reduction technologies and exhaust retrofit technologies. 	5
BONUS POINTS will be provided to:	
<ul style="list-style-type: none"> Indiana owned and operated business enterprises (include Indiana Economic Impact documentation). 	5
<ul style="list-style-type: none"> Active participants in the State of Indiana Minority and Women Business Enterprise Participation Plan (include MBE/WBE documentation). 	5



Estimated Timeline

Milestone	Estimated Date	Accumulated Time from Posting
• Project application due date	February 22, 2019	6 Weeks
• Proposal review, prioritization, and selection	March 8, 2019	8 Weeks
• Selected project applicants notification	March 22, 2019	10 Weeks
• Project Grant Agreements full executed	April 19, 2019	14 Weeks
• Projects complete and fully implemented	September 30, 2019	37 Weeks



For More Information



DieselWise Indiana Website

www.idem.IN.gov/airquality/2561.htm

IDEM Website

www.idem.IN.gov



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