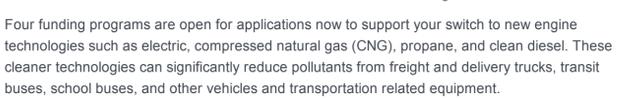


# DRIVING PA FORWARD

With funding for clean transportation



TOM WOLF, GOVERNOR • PATRICK MCDONNELL, DEP SECRETARY

If you're a business owner, government, or community organization in Pennsylvania and want to transition from older diesel vehicles to cleaner fuel vehicles, we have good news!

Four funding programs are open for applications now to support your switch to new engine technologies such as electric, compressed natural gas (CNG), propane, and clean diesel. These cleaner technologies can significantly reduce pollutants from freight and delivery trucks, transit buses, school buses, and other vehicles and transportation related equipment.

Older diesel engines generate over 25 percent of the oxides of nitrogen (NOx) pollution in Pennsylvania. Launched under the Wolf Administration, the Driving PA Forward funding program supports the permanent reduction of NOx emissions statewide. Funding comes from Pennsylvania's share of a national settlement with Volkswagen Group of America for cheating on U.S. Environmental Protection Agency (EPA) emissions tests.

For complete grant and rebate program information, visit [Driving PA Forward](#). And please share this newsletter with your networks to help spread the word!

"The Allentown Parking Authority is always looking to the future, and we understand electric vehicles are part of it. We have some large corporations moving their companies downtown, bringing contract parkers. They were thrilled at the installation of our charging stations. The charging stations have also made our community more aware of where the future of automobiles is going. We get numerous inquiries about electric vehicles and charging options.

It's important for the APA to be a progressive entity in the parking industry. Our goal is to always provide the best parking experience to Allentown's residents, workforce, and visitors. The APA looks after people as well as our environment, as we play a part in reducing the carbon footprint."

— Janet Canevari, Management Specialist, Allentown Parking Authority



The Allentown Parking Authority received Driving PA Forward rebates for the installation of 14 dual-port electric vehicle charging stations in seven parking decks, enabling simultaneous charging for a total of 28 vehicles (or EVs).

## Funding Open: Apply Now

### Level 2 Electric Vehicle Charging Rebate Program, Version 2.0: \$1-1.5 Million Available

This program will reimburse you a percentage of the total cost to buy and install Level 2 electric vehicle charging equipment on your publicly accessible property (government- or non-government-owned) or at workplaces or multi-unit dwellings that are not publicly accessible.



- **Application period opened:** December 2, 2019
- **Application deadline:** Continuous (until rebate vouchers are issued for at least 750 plugs)
- **Project duration:** Applicants have 180 days to complete projects.
- **Funding:** Successful applicants will be issued a rebate voucher for a specific amount to be redeemed once project work is complete. Vouchers will be issued on a first come, first served basis.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

### DC Fast Charging and Hydrogen Fueling Grant Program, CY2020: \$1.8 Million Available

This program will reimburse you for the purchase and installation of direct current (DC) fast charging equipment for electric vehicles or hydrogen fuel cell fueling infrastructure at community charging hubs, in transportation corridors, and at destination locations throughout Pennsylvania.



- **Application period opened:** July 2, 2020
- **Application deadline:** 4:00 p.m. EST on February 26, 2021
- **Project duration:** Grant agreements will be from the date of execution to 24 months later.
- **Funding:** Successful applicants will enter a grant agreement with DEP and receive a reimbursement for the grant amount once project work is completed. The maximum grant amount for a project is \$500,000.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

### Onroad Rebate Program, CY2020: \$6.4 Million Available

You'll be reimbursed a percentage of the total cost of repowering or replacing older diesel engines or vehicles with model year 2019 or newer diesel or alternative fueled engines or vehicles, including all electric engines/vehicles. This program is for fleets of five or fewer eligible vehicles or engines.



Eligible vehicles include: Class 4-8 local freight trucks, Class 4-8 school buses, shuttle buses, and transit buses that meet age and remaining useful life requirements outlined in the grant program guidelines.

- **Application period opened:** October 2, 2020
- **Application deadline:** Continuous through 2020-2021, or until funds run out.
- **Project duration:** Applicants will have 365 days (1 year) to complete projects.
- **Funding:** Successful applicants will be issued a rebate voucher for a specific amount to be redeemed once project work is complete. Vouchers will be issued on a first come, first served basis. Maximum rebate is \$500,000 per applicant.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

### Truck and Bus Fleet Grant Program, CY2020: \$3 Million Available

This program was previously called the Class 8 Truck and Bus Grant Program. This program will reimburse you a percentage of the total cost of repowering or replacing older diesel engines or vehicles with model year 2019 or newer diesel or alternative fueled engines or vehicles, including all-electric engines/vehicles. This program is for fleets of six or more eligible vehicles or engines.



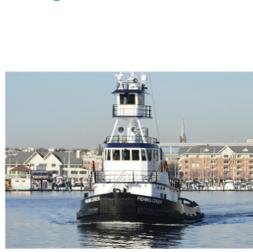
Eligible vehicles include: Class 4-8 local freight trucks, Class 4-8 school buses, shuttle buses, and transit buses that meet age and remaining useful life requirements outlined in the grant program guidelines.

- **Application period opened:** October 2, 2020
- **Application deadline:** 4:00 p.m. EST on November 13, 2020
- **Project duration:** Grant agreements are from the date of execution to two years later. Extensions are considered case by case.
- **Funding:** Successful applicants will enter a grant agreement with DEP and receive a reimbursement for the grant amount (up to the maximum allowed) once project work is complete. Partial and multiple project funding may be available. The grant amount per applicant is \$1,500,000.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

## Programs Opening Soon

### Electric Cargo Handling Grant Program, CY2020 Round 2: \$2.5 Million Available

This program will reimburse you a percentage of the total cost of repowering or replacing older diesel-powered forklifts, airport ground support equipment, and port cargo handling equipment with all-electric equipment.



The following equipment types are included: diesel-powered forklifts with greater than 8,000-pound lift capacity; Tier 0, Tier 1, or Tier 2 diesel-powered airport GSE; and diesel-powered port cargo handling equipment limited to rubber-tired gantry cranes, straddle carriers, shuttle carriers, and terminal tractors, including yard hostlers and yard tractors that operate within ports.

- **Application period expected to open:** October/November 2020
- **Anticipated application deadline:** January/February 2021
- **Project Duration:** Grant agreements will be from the date of execution to three years later. Extensions are considered case by case.
- **Funding:** Successful applicants will enter a grant agreement with DEP and receive a reimbursement for the grant amount (up to the maximum allowed) once project work is complete. Partial and multiple project funding may be available.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

### Marine and Rail Freight Movers Grant Program, CY2020 Round 2: \$8.7 Million Available

This program will reimburse you a percentage of the total cost of repowering or replacing eligible pre-Tier 4 freight switchers that operate at least 1,000 hours per year with any new EPA or CARB-certified diesel, alternative fuel, or all-electric engine, including Generator Sets.



You may also be reimbursed a percentage of the total cost of repowering unregulated, Tier 1, or Tier 2 ferries or tugboats with a Tier 3 or Tier 4 diesel engine, alternative fuel engine, or with all-electric engines or upgrading them with an EPA Certified Remanufacturer System or an EPA Verified Fuel Upgrade.

- **Application period expected to open:** November 2020
- **Anticipated application deadline:** March/April 2021
- **Project duration:** Grant agreements will be from the date of execution to three years later. Extensions are considered case by case.
- **Funding:** Successful applicants will enter a grant agreement with DEP and receive a reimbursement for the grant amount (up to the maximum allowed) once project work is complete. Partial and multiple project funding may be available.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

### Pennsylvania State Clean Diesel Grant Program, FY2020: \$2.9 Million Available

This program will reimburse you a percentage of the total cost of a wide variety of diesel emission reduction projects, including but not limited to exhaust controls, engine upgrades, engine and engine replacements, idle reduction technologies, and aerodynamic technologies.



Eligible vehicles, engines, and equipment include school buses, transit buses, Class 5-8 trucks, marine engines, locomotives, and nonroad/ on-road engines, equipment, or vehicles used in construction, cargo handling, agriculture, mining and energy production.

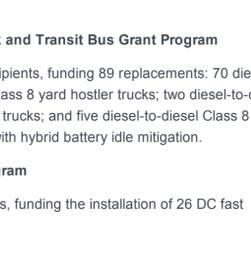
- **Application period expected to open:** October/November 2020
- **Anticipated application deadline:** December 2020
- **Project duration:** Grant agreements will be from the date of execution to September 30, 2021. Extensions may be considered case by case.
- **Funding:** Successful applicants will enter a grant agreement with DEP and receive a reimbursement for the grant amount (up to the maximum allowed) once project work is complete. Partial and multiple project funding may be available.
- **Details, instructions, and link to online application:** [Driving PA Forward](#)

## Currently Closed

**Ocean-Going Vessel Shorepower Grant Program:** This program is anticipated to open in 2021 or 2022.

## Congratulations!

"Since March, when they first debuted, our two battery-electric buses have been received enthusiastically. Feedback from riders has been extremely positive, with many requesting even more electric buses be added to our fleet. At Port Authority of Allegheny County, we're continuously looking for ways to support smart, green regional growth. While public transit use in the U.S. already saves over 4 billion gallons of gasoline a year, we like to imagine a time when that number is even higher. Our battery-electric buses are part of the solution, reducing our carbon footprint and benefiting the residents of Southwestern Pennsylvania for years to come."



The Port Authority of Allegheny County received a \$1,104,000 grant to replace two diesel transit buses with two new battery electric buses and will separately fund the installation of two charging stations to support the new buses.

— Katharine Kelleman, CEO, Port Authority of Allegheny County

To date the DEP Driving PA Forward program has awarded more than \$13.2 million to 34 grant awardees and approved \$13.7 million for 487 redeemed rebates for clean energy projects!

Over their lifetimes these projects will eliminate tons of pollutants from the air in Pennsylvania: 17,195 tons of carbon dioxide, 746 tons of nitrogen oxides, 136 tons of carbon monoxide, 66 tons of volatile organic compounds, 46 tons of fine particulate matter, and 3.4 tons of coarse particulate matter.

Additional information about specific projects can be found on the [Driving PA Forward Grants and Awards page](#).

### Pennsylvania State Clean Diesel Grant Program

- Fiscal year 2017: \$589,734 awarded to six recipients, funding 16 replacements and six retrofits: 11 diesel-to-diesel school bus replacements, one diesel-to-diesel crawler tractor replacement, two diesel-to-diesel street sweeper replacements, two diesel-to-CNG refuse truck replacements, and installation of idle reduction technology on six locomotives.
- Fiscal year 2018: \$2,669,949 awarded to seven recipients, funding 58 replacements: 28 diesel-to-diesel school buses, 15 diesel-to-CNG refuse trucks, 12 diesel-to-diesel refuse trucks, one diesel-to-diesel trash compactor vehicles, and one diesel-to-diesel bulldozer replacement.
- Fiscal year 2019 awards: pending.

### Truck and Bus Fleet Grant Program/ Class 8 Truck and Transit Bus Grant Program

- 2018-2019: \$6,862,089.75 awarded to nine recipients, funding 89 replacements: 70 diesel-to-diesel Class 8 trucks; seven diesel-to-electric Class 8 yard hostler trucks; two diesel-to-diesel bulk collection trucks; five diesel-to-CNG refuse trucks; and five diesel-to-diesel Class 8 service vehicles, including one bulk fuel delivery truck with hybrid battery idle mitigation.

### DC Fast Charge and Hydrogen Fueling Grant Program

- 2018-2019: \$2,729,643 awarded to 11 recipients, funding the installation of 26 DC fast chargers.

### Electric Cargo Handling Grant Program

- 2019-2020: \$435,960 awarded to one recipient, funding two diesel-to-electric terminal tractor replacements.

### Marine and Rail Freight Movers Grant Program

- 2020-2021: \$1.26 million to one project that will scrap an older, diesel-powered work locomotive for a new EPA Tier 4 certified diesel locomotive with idle-reduction technology.

### Onroad Rebate Program

- 2018-2019: 269 rebates redeemed for \$10,724,333, funding 259 school bus replacements (new diesel, propane, and CNG), one shuttle bus replacement, and nine Class 4-7 truck replacements.

### Level 2 EV Charging Rebate Program

Version 1 (2018-2019)

- 193 rebates redeemed for \$2,724,988 to install 656 Level 2 EV charging plugs
- 44 rebates pending for \$529,230 to install 129 Level 2 EV charging plugs

Version 2 (2020)

- 25 rebates redeemed for \$289,500 to install 86 Level 2 EV charging plugs
- 106 rebates pending for \$1,288,371 to install 343 Level 2 EV charging plugs

\*Note: If your project has a pending payment, please monitor the email provided to DEP in your application for the current status of your payment.

## VW Settlement News

### Certification and Beneficiary Mitigation Plan

Pennsylvania was certified as a Beneficiary of the Trust Agreement in January 2018. DEP is designated as the lead agency responsible for disbursing the State Mitigation Trust funds. [See the Beneficiary Mitigation Plan here.](#)

[Visit our website for more information about the VW lawsuit, settlement, court actions, and impact on Pennsylvania.](#)

## Questions? Contact Us

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