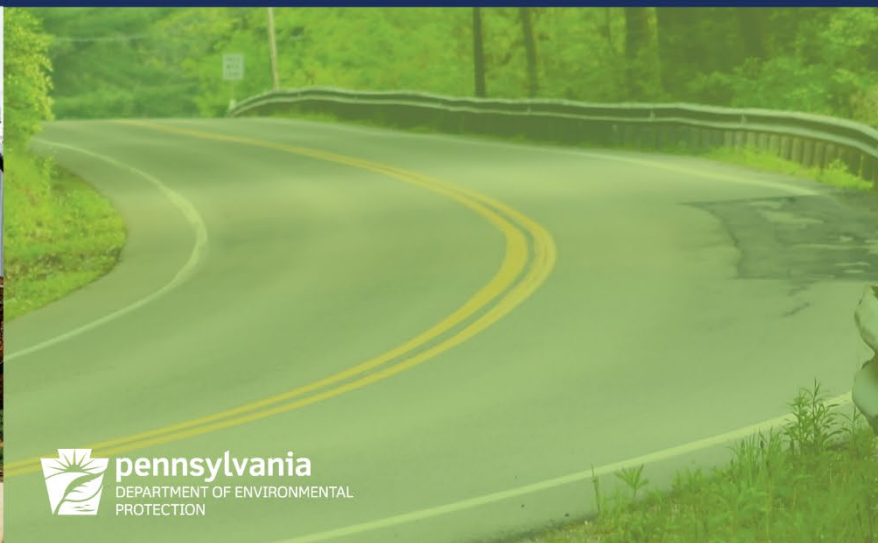




Alternative Fuels Incentive Act Fund

2022-23 Annual Report to the
Pennsylvania Legislature



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COVER PHOTOS

DEP grant-funded alternative fuel transportation projects at:

Top: College Township, Centre County

Middle: Lancaster County Solid Waste Management Authority, Lancaster

Bottom: Wawa, Philadelphia

Executive Summary

This Alternative Fuels Incentive Act Program Annual Report was prepared by the Department of Environmental Protection (DEP) for submission to the Environmental Resources and Energy Committees of the Senate and House of Representatives of the Pennsylvania General Assembly, respectively, in accordance with state law. Pennsylvania is continuing its progress toward growing a market for alternative fuels, such as natural gas, propane, electricity, and biofuels, through the development of alternative fuel fleet vehicles and alternative fuel storage and refueling systems. This report summarizes the activities involved in the administration of the Alternative Fuels Incentive Grant (AFIG) and Alternative Fuel Vehicle (AFV) programs, including the number of grants awarded, rebates given, and other expenditures and activities undertaken pursuant to the Alternative Fuels Incentive Act. This report also details the awards granted in the 2022-2023 solicitation cycle. A listing of rebate awards, notable completed grant projects, and program and grant project expenditures during the 2022 program year (PY) (July 1, 2022, to June 30, 2023) are included in this report.

Alternative Fuels Incentive Grant Program Annual Report

Table of Contents

Executive Summary	ii
Introduction	1
Program Overview	1
2022-2023 Program Year Review	3
Alternative Fuels Incentive Grant Solicitation 2022	3
Alternative Fuels Incentive Grant Solicitation 2023	5
Pennsylvania FAST Act Alternative Fuel Corridor Infrastructure Program	6
Municipal Electric Vehicle Education Program	7
Alternative Fuels Incentive Grant 2022-2023 Project Summary	8
Alternative Fuels Incentive Grant Program Recent Success Stories	9
2022-2023 Active Projects	12
Alternative Fuel Vehicle Rebate Program	24
Appendix – Awarded Projects from 2022 AFIG Program	27

Introduction

DEP administers a grant and rebate program to promote the use of alternative fuels in Pennsylvania under the Alternative Fuels Incentive Act (Act of Nov. 29, 2004, P.L. 1376, No. 178). This program was originally created in 1992 and administered by the Pennsylvania Energy Office through Chapter 72 of the Vehicle Code. The AFIG Program was expanded in 2004 and 2008. In addition, an AFV Rebate Program was created.

In the 2022-2023 program year (PY), the AFIG program successfully oversaw the completion of 11 projects, which included the deployment of 63 AFVs which are estimated to displace 249,265 gasoline gallon equivalents per year. During PY 2022-2023, AFIG had over \$2.9 million in expenditures on grant projects. DEP continues to administer grant awards and is currently managing 49 projects, totaling \$6.7 million in active grant contracts, as well as executing grant agreements for 35 projects, totaling an additional \$4.3 million in grant awards. DEP also continues to operate the AFV Rebate Program, which issued 359 rebates to Pennsylvania residents during PY 2022-2023, totaling \$775,500, to support the purchase or lease of AFVs. The AFV Rebate Program, continuing with the changes made to the program for PY 2022-2023, will have \$1 million in funds allocated for incentivizing Pennsylvania residents to purchase AFVs during PY 2023-24. These funds will provide at least 500 rebates at the \$2,000 level for working-class Pennsylvania residents.

Program Overview

The AFIG and AFV Rebate Programs have helped to decrease Pennsylvania's dependence on imported oil and improve air quality by reducing vehicle emissions of carbon monoxide, particulate matter, Volatile Organic Compounds (VOCs), and oxides of nitrogen (the pollutants that contribute to the formation of ground-level ozone), as well as carbon dioxide (CO₂), a principal greenhouse gas (GHG).

The AFIG Program has fostered economic development in Pennsylvania by encouraging the transfer and commercialization of innovative energy technologies and the use of the commonwealth's indigenous fuels. The fuels promoted by the program include ethanol, biodiesel, compressed and liquefied natural gas (CNG and LNG), hydrogen, hythane (a combination of compressed natural gas and hydrogen), liquefied petroleum or propane gas (LPG), electricity, and fuels derived from coal and biomass.

The AFIG Program supports DEP's objectives of reducing emissions from mobile sources to improve air quality and stimulating the use of domestically produced fuels. DEP has encouraged the development of partnerships among Pennsylvania businesses, alternative fuel providers, and key local, state, and federal government agencies to accomplish the objectives of the Alternative Fuels Incentive Act. For example, since 2013, the AFIG competitive grant program has reimbursed over 180 grantees for the purchase or conversion of over 1,700 AFVs, including electric, propane, and CNG, totaling approximately \$19.5 million in program funds disbursed. These vehicles are estimated to be displacing over 7.5 million gasoline-gallon equivalents (GGE) per year. In addition, since 2011, the program has provided a total of \$15.7 million in rebate funds to over 10,000 Pennsylvania residents to purchase AFVs.

The program has also contributed to the landscape of alternative fuel refueling build-out in Pennsylvania. The [Alternative Fuels Map](https://www.depgis.state.pa.us/EPOAlternativeFuelsViewer/) (<https://www.depgis.state.pa.us/EPOAlternativeFuelsViewer/>) shows the locations of electric vehicle charging infrastructure and compressed natural gas, liquified natural gas, and E85 (gasoline containing 85% ethanol) refueling stations in Pennsylvania that were supported by DEP (including AFIG Program funding), Commonwealth Finance Authority, U.S. Department of Agriculture, and private funds.

The incentives and programs currently offered by the AFIG Program include:

- The AFIG Program offers at least \$3 million in competitive grants per year for school districts, local governments, nonprofit entities, and registered Pennsylvania companies to purchase and/or retrofit AFVs, construct AFV infrastructure, and complete innovative technology research and demonstration projects related to alternative transportation fuel, fueling systems, and vehicles;
- The AFV Rebate Program provides cash rebates to Pennsylvania residents to purchase or lease new and pre-owned plug-in hybrid, plug-in electric, natural gas, propane, and hydrogen fuel cell vehicles.
- The Municipal Electric Vehicle Education Program will conduct municipal electric vehicle education sessions, provide individualized electric vehicle technical assistance for four municipalities, and develop an Electric Vehicle Guidebook for Pennsylvania Municipalities, an Electric Vehicle Planning Booklet for Pennsylvania Municipalities, and presentation slides summarizing the project process and resources.

The Alternative Fuels Incentive Act requires DEP to establish a formula and method to award AFIG Program grants. DEP is also required to establish a method to prioritize the grant applications that achieve identified goals and criteria, including the following:

1. The improvement of Pennsylvania's air quality;
2. The fulfillment of Pennsylvania's responsibilities under the Clean Air Act (69 Stat. 322, 42 U.S.C. § 7401 et seq.);
3. The protection of Pennsylvania's natural environment, including land, water and wildlife;
4. The advancement of economic development in Pennsylvania and the utilization of the state's indigenous resources;
5. The reduction of Pennsylvania's dependence on imported crude oil and other petroleum products;
6. The most cost-effective use of private and public funding; and
7. The transfer and commercialization of innovative alternative energy technologies.

The AFIG Program is funded with an annual allocation from the General Fund equal to 0.25 mills of the utilities' gross receipts tax, which has ranged between \$4 and \$5 million dollars annually. Up to 1.5 percent of the funds may be used to administer the provisions of the Act, and up to 0.5 percent may be used for program education and public outreach. The unspent portion of the annual allocation does not lapse and can be used for projects on a continuing basis.

The Alternative Fuels Incentive Act provides incentive grants that pay a percentage of each applicant's eligible project costs. The remaining project costs are paid by the grantee from other sources.

The following limitations may apply to the AFIG Program competitive solicitation:

1. A single funding recipient can receive no more than 10 percent of the funds available in any individual funding year.

2. The total dollar amount of awards to recipients operating within and including any county shall not exceed 15 percent of the funds available in any individual funding year.
3. If the total funding to be awarded in a funding year is less than the amount available for that year, then DEP may increase the established 10 percent and the 15 percent funding levels in (1) and (2) above, not to exceed 40 percent of the fund.
4. DEP reserves the right to not award any additional funds to applicants that have failed to complete previous projects funded by the AFIG Program.
5. Applicants who have received grants and completed projects through the AFIG Program but have failed to submit the proper reporting forms may not be considered for additional funding.

2022-2023 Program Year Review

The following is a report on programs which were available during the period of this report, July 1, 2022, through June 30, 2023. For additional details on the projects funded during PY 2022-2023, please refer to the Appendix.

Alternative Fuels Incentive Grant Solicitation 2022

The 2022 AFIG Program began accepting applications through the Department of Community and Economic Development's (DCED) Electronic Single Application (ESA) system on June 24, 2022. The program accepted applications in two submission periods ending August 26, 2022, and December 16, 2022. Award Summaries for the program are detailed below. The AFIG Program was open to applications for projects involving the purchase and/or conversion of AFVs, projects resulting in the installation of alternative fuel refueling infrastructure, and projects that promote innovative alternative fuel technology. After the submission period, AFIG Program staff evaluated all applications received to determine grant awards.

The program guidelines emphasized submission of project applications which included these key priorities:

- Businesses whose headquarters or principal place of business are located in Pennsylvania.
- Zero emission vehicles.
- Renewable natural gas vehicle and infrastructure projects.
- Projects located in or predominantly serving Environmental Justice (EJ) areas (<https://www.dep.pa.gov/PublicParticipation/OfficeofEnvironmentalJustice/Pages/PAEnvironmental-Justice-Areas.aspx>).
- Applicants that are minority, veteran, or woman-owned businesses.
- Publicly accessible alternative fuel refueling infrastructure and fleet charging equipment projects.

Alternative Fuels Incentive Grant 2022 First Submission Period Awards Summary

The first program submission period ended on August 26, 2022, with a total of 28 applications submitted, resulting in a total grant fund request of \$4,048,890. 20 applications were submitted in the Vehicle Retrofit and/or Purchase category, seven applications were submitted in Refueling Infrastructure, and

one application was submitted in the Innovative Technology category. After evaluation by DEP staff, 13 projects were selected, totaling \$1,527,277 in grant funds awarded. The recommended projects included ten Vehicle Retrofit and/or Purchase projects, and three Refueling Infrastructure projects.

Vehicle Retrofit/Purchase Projects

- Total Number of Applications: **20**
 - Two applications were deemed ineligible
- Number of Awarded Projects: **10**
- Total Grant Request: **\$1,792,360**
- Amount of Awarded Funding: **\$967,250**
- Total Number of Vehicles Applied For: **133**
- Total Number of Awarded Vehicles: **76**
- Total Estimated Gasoline Gallon Equivalents saved per year: **277,030 (Awards)**
- New Fueling Stations Supported: **10**
- Existing Fueling Stations Supported: **4**

Refueling Infrastructure Projects

- Total Number of Applications: **7**
 - Three applications were deemed ineligible
- Number of Awarded Projects: **3**
- Total Grant Request: **\$599,584**
- Amount of Awarded Funding: **\$560,000**

Innovative Technology Projects

- Total Number of Applications: **1**
- Number of Recommended Projects: **0**
- Total Grant Request: **\$300,000**
- Amount of Awarded Funding: **\$0**

Alternative Fuels Incentive Grant 2022 Second Submission Period Awards Summary

The second program submission period ended on December 16, 2022, with a total of 43 applications submitted, resulting in a total grant fund request of \$5,101,507. Thirty-three applications were submitted in the Vehicle Retrofit and/or Purchase category, eight applications were submitted in Refueling Infrastructure and two applications were submitted in the Innovative Technology category. After evaluation by DEP staff, 28 projects were selected, totaling \$2,958,850 in grant funds awarded. The recommended projects included 23 Vehicle Retrofit and/or Purchase projects and five Refueling Infrastructure projects.

Vehicle Retrofit/Purchase Projects

- Total Number of Applications: **33**
 - Four applications were deemed ineligible.
- Number of Awarded Projects: **23**
- Total Grant Request: **\$3,358,921**
- Amount of Awarded Funding: **\$2,269,671**
- Total Number of Vehicles Applied For: **165**
- Total Number of Awarded Vehicles: **130**
- Total Estimated Gasoline Gallon Equivalents saved per year: **948,197 (Awards)**
- New Fueling Stations Supported: **26**
- Existing Fueling Stations Supported: **8**

Refueling Infrastructure Projects

- Total Number of Applications: **8**
 - One application was deemed ineligible
- Fleet Refueling Applications: **6**
- Number of Awarded Projects: **5**
- Total Grant Request: **\$1,106,354**
- Amount of Awarded Funding: **\$689,179**

Innovative Technology Projects

- Total Number of Applications: **2**
 - One application was deemed ineligible
- Number of Awarded Projects: **0**
- Total Grant Request: **\$600,000**
- Amount of Awarded Funding: **\$0**

Alternative Fuels Incentive Grant Solicitation 2023

The 2023 AFIG Grant Solicitation began accepting applications through the DCED's ESA system on June 30, 2023. Priorities for the 2023 grant solicitation include:

- Businesses whose headquarters or principal place of business are located in Pennsylvania.
- Zero emission vehicle (ZEV) projects.
- Medium-duty and light-duty fleet refueling infrastructure projects.
- Renewable natural gas (RNG) vehicle and infrastructure projects.
- Projects located in or predominantly serving EJ areas
(<https://www.dep.pa.gov/PublicParticipation/OfficeofEnvironmentalJustice/Pages/PAEnvironmental-Justice-Areas.aspx>).
- Applicants that are minority, veteran, or woman-owned businesses.

- DEP will award a minimum 20 percent of available AFIG funding for the PY to the following entities, dependent upon applications received:
 - Counties, townships, municipalities, or municipal authorities.
 - Public school districts, including brick and mortar charter schools.
 - Organizations registered as a 501(c)(3) nonprofits that provide services to seniors, low-income individuals and families, individuals with disabilities, veterans, or medical services of any type.
 - Businesses either registered with the commonwealth as a Small Diverse Business or who are registered with one of the Pennsylvania Department of General Services accepted third-party certifications as identified on the website: (<https://www.dgs.pa.gov/Small%20Diverse%20Business%20Program/SmallDiverse-Business-Verification/jko0-Pages/default.aspx>).
 - Organizations that are county/local government supported or contracted to provide services to seniors, low-income individuals and families, individuals with disabilities, veterans, or medical services of any type.

A change to the AFIG Program in 2023 focused on supporting refueling infrastructure projects that service medium-duty fleets of class 3-6 vehicles, as well as light-duty fleets of class 1-2 vehicles. This change was in response to the National Electric Vehicle Infrastructure funding program created by the Infrastructure Investment and Jobs Act and administered by the Pennsylvania Department of Transportation (PennDOT). That program is initially focusing on public recharging infrastructure located within one roadway mile of a designated Alternative Fuel Corridor and does not address infrastructure for mid and small sized vehicle fleets.

Awards granted during this 2023 calendar year application period will be summarized in the 2023-2024 annual report.

Pennsylvania FAST Act Alternative Fuel Corridor Infrastructure Program

The Pennsylvania Fixing America’s Surface Transportation (FAST) Act Alternative Fuel Corridor Infrastructure Program was a special solicitation under the AFIG Program from 2017 to 2019 that provided up to a 50 percent reimbursement grant to install public refueling infrastructure along select highway corridors in Pennsylvania. Eligible corridors were designated by the Federal Highway Administration in the FAST Act (Pub. L. No. 114-94) as alternative fuel corridors which were “Signage Ready” or “Signage Pending.” These corridors included the following specific sections of interstates located in Pennsylvania: I-76, I-276, I-376, I-476, I-70, I-79, I-90, I-95, I-80, I-78, I-81, I-83, I-84, and US-30.

Grants of up to \$500,000 were made available to municipal authorities, political subdivisions, non-profit entities, corporations, and limited liability companies or partnerships incorporated or registered in the commonwealth to install public-use electric, hydrogen, propane, and CNG refueling infrastructure. The program required that infrastructure be publicly accessible at all times, incorporate roadway signage compliant with the FAST Act, offer an open and common payment platform, feature standardized nozzles and connectors, and be co-located with consumer amenities. Project infrastructure was required to be designed to meet five-year future projections of anticipated usage for the public at the proposed public stations. All projects were required to be sited within approximately five roadway miles of the eligible corridor segment.

In the three program rounds, a total of nine projects were awarded for a total award amount of \$1,454,001. There are currently eight open projects from these awards are being installed by three grantees: Giant Eagle, American Natural, and U-Go Stations, Inc. All three grantees are installing DC Fast charging equipment at existing convenience plazas. The projects have continued to see delays due to vendor supply chain issues. All three grantees are now working on site preparation and purchase of the charging equipment with installation to come later in 2023. The ninth project, CNG Fuel LLC, was successfully completed in 2021.

Municipal Electric Vehicle Education Program

Many Pennsylvania municipalities are seeking information and resources to help them prepare and plan for the increased use of electric vehicles. There are many existing resources that include some of this information, but none are designed specifically for Pennsylvania municipalities while taking into account the municipal type, demographic area, and other factors that may influence a municipality's policy-making authority and important considerations.

The Municipal Electric Vehicle Education Program, funded by AFIG was designed to conduct municipal electric vehicle education and feedback sessions; provide individualized electric vehicle technical assistance for four municipalities; and will develop an Electric Vehicle Guidebook for Pennsylvania Municipalities, an Electric Vehicle Planning Booklet for Pennsylvania Municipalities, and presentation slides summarizing the project process and resources.

The Guidebook will provide valuable information to Pennsylvania municipalities to guide them in: assessing how increased public electric vehicle adoption may impact municipal operations or functions, planning and preparing for municipal fleet vehicle electrification, planning for the procurement and installation of municipal owned charging infrastructure, and supporting the increased adoption of electric vehicles and installation of charging infrastructure via land use planning, codes, permitting, ordinances, and other municipal government policies. The Guidebook will be a go-to electric vehicle planning resource for Pennsylvania municipal policymakers and stakeholders. The Guidebook and companion summary Booklet will be published online and presented at various forums for use by any municipal government, stakeholder, or individual to inform decisions and planning efforts.

A Request for Quote (RFQ) was issued in February 2023. The RFQ received five responses from prospective contractors. EPO staff provided the technical review of these responses and the contract was selected in April. The agreement with the selected contractor, Wilson Engineering Services of Meadville, PA, was awarded in May. Weekly update calls between EPO and Wilson were conducted for the remainder of PY 22-23 in preparation for program activities in PY 2023-24. These activities will include six municipal electric vehicle education and feedback sessions, three of which will be in person at locations throughout Pennsylvania and the remainder conducted virtually. From these sessions, EPO will select four municipalities to receive individualized technical assistance from the Contractor.

In addition to the Municipal EV Education Program, EPO is working with the Pennsylvania Automotive Association to develop an education program for dealers. This program will help dealers to address the growing EV market in Pennsylvania and provide better information for their customers. This dealer EV education program will be funded using the AFIG fund.

Alternative Fuels Incentive Grant 2022-2023 Project Summary

Between July 1, 2022, and June 30, 2023, grantees successfully completed 11 AFIG projects. These grants totaled \$873,000 in awards from prior years. The completed projects resulted in the purchase or conversion of 63 AFVs which are estimated to displace 249,265 GGE per year. The projects completed in 2022-2023 are as follows:

Project Name	Grantee	Project Type	Total Amount Reimbursed
AAA Bolts Into Action	AAA Club Alliance Inc	Vehicle Purchase	\$45,000
Allegheny Electric Vehicle Fleet	Allegheny County	Vehicle Purchase	\$37,500
Electric Vehicles	Bethlehem Parking Authority	Vehicle Purchase	\$24,500
Tesla Police Car Purchase	East Washington Borough	Vehicle Purchase	\$7,500
Eurofins Lancaster Laboratories Inc.	Eurofins Lancaster Laboratories	Vehicle Purchase	\$80,000
2021 CNG Grant	Francis J Palo Inc	Vehicle Purchase	\$30,000
Loyalsock Township Electric Vehicle - Codes	Loyalsock Township Board of Supervisors	Vehicle Purchase	\$7,500
Electric School Bus Demonstration Project	Rohrer Bus Service	Vehicle Purchase	\$100,000
New CNG Waste Collection Vehicle Purchase Project at Shank Waste	Shank Waste Service Inc	Vehicle Purchase	\$300,000
Wilson School District Propane School Bus Conversion Project	Wilson School District	Vehicle Purchase	\$76,000
VEC Energy CNG Fleet	VEC Energy LLC	Vehicle Purchase	\$165,000

Alternative Fuels Incentive Grant Program Recent Success Stories

Allegheny County – In PY 2022-2023, Allegheny County completed an electric vehicle purchase project. This project was supported by the AFIG Program through the award of a grant of \$37,500 in 2022. The project replaced four older and inefficient gasoline powered vehicles in the County’s car fleet with one Ford Mustang Mach-E and four Ford F-150 Lightning Battery Electric Vehicles. The Mustang Mach-E is assigned to the Allegheny County Sherriff’s Department and charges at the existing County-owned electric vehicle charging stations in their 4th Avenue parking lot in downtown Pittsburgh. Two of the F-150s are assigned to the County Police Department and charge at the County’s South Park facility, as well as at public charging stations when available. The final two F-150s are assigned to the County Facilities and Parks Departments. These vehicles charge at the County’s North and Boyce Park facilities respectively. The vehicles are estimated to displace 1,362 GGE of diesel fuel per year with an annual fuel cost savings of \$3,496. This equates to approximately 12.1 metric tons of CO₂ displaced per year.



Rohrer Bus Service – Perry County: In PY 2022-2023, Rohrer Bus Service completed an electric school bus purchase project. The project was supported by the AFIG program through the award of a grant of \$100,000 in April of 2022. Rohrer Bus Service purchased a Thomas C2 electric school bus for the purpose of conducting technician and driver training. The bus was subsequently shared with Rohrer’s sales unit as a demonstrator. The bus was demonstrated to the City of Philadelphia and Nanticoke School Districts and was on display at an Earth Day event at Susquehanna University, at the PA School Bus Association’s 2023 conference, and at the National SB Contractor’s Association in Pittsburgh. The bus entered into daily service at the local Susquenita SD in late spring of 2023 and continued with the first day of the 2023-2024 school year. Rohrer Bus Service purchased a Proterra 60 kW DC Fast Charger with their own funding to service the vehicle, with utility service provided by PPL. The vehicle is estimated to displace 1,846 GGE of diesel fuel per year with an annual fuel cost savings of \$7,556. This equates to approximately 16.4 metric tons of CO₂ displaced per year. This is the first electric school bus project to have been completed by the AFIG program.



Shank Waste Service, Inc. – Westmoreland County: In PY 2022-2023, Shank Waste Service, Inc. completed a Compressed Natural Gas (CNG) waste collection vehicle purchase project. This project was supported by the AFIG Program through the award of a grant for \$300,000 in May 2021. The project, located in Lower Burrell, Pennsylvania, resulted in the purchase and deployment of eight heavy-duty natural gas waste collection vehicles. These vehicles replaced existing diesel-powered collection vehicles and are utilized to collect residential and commercial waste from Westmoreland, Butler, Indiana, and Allegheny Counties. The vehicles are utilizing previously existing fueling infrastructure owned by Vogel Holding Inc. The vehicles will refuel primarily at the Seneca Landfill CNG Fast Fill station in Evans City, Pa. and at the Vogel Disposal facility in Mars, Pa which has both slow fill and fast fill capabilities. These eight vehicles will displace an estimated 161,312 GGE of diesel fuel per year. This equates to approximately 1,434 metric tons of CO₂ displaced per year.



2022-2023 Active Projects

Note: Supply chain issues continued to have an impact on AFIG Program projects during PY 2022-2023. Many grantees found they were unable to complete projects in their initial period of performance due to the inability to acquire vehicles or materials during the pandemic. These grantees worked with AFIG Program staff to determine when they would be able to complete their projects and submitted time extensions.

For In-Progress projects that are at 0% complete, these are projects that have completed their grant execution process but have not yet completed any significant work.

The following are current/active AFIG Program projects as of June 30, 2023:

Alternative Fuels Incentive Grant Program 2017 Round 1

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Valley Waste Service - Public and Fleet CNG Fueling Station	Valley Waste Service Inc.	Beaver	Final Permitting	\$400,000	\$360,000	90%

Alternative Fuels Incentive Grant Program 2017 Round 2

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Philadelphia Propane Fueling Infrastructure Project	Sharp Energy	Philadelphia	In Project Closeout	\$24,800	\$0	95%

Alternative Fuels Incentive Grant Program 2018 Round 1

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
AFIG	Borough of Lansdale	Montgomery	In Project Closeout	\$22,500	\$0	95%

Alternative Fuels Incentive Grant Program 2019 Round 1

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Comcast Hybrid Conversion	Comcast Corporation	Philadelphia	In Project Closeout	\$100,000	\$0	90%
ProGas Alternative Fuel	ProGas Inc	Butler	In Progress	\$5,800	\$0	10%
Snyder Brothers, Inc. Expansion and Upgrade of CNG Fueling Stations	Snyder Brothers, Inc.	Armstrong	In Project Closeout	\$463,064	\$0	90%

Alternative Fuels Incentive Grant Program 2019 Round 2

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Noble Environmental CNG Recycling Trucks - Allegheny Co	Noble Environmental Inc.	Allegheny	In Progress	\$300,000	\$260,000	90%
Seven Springs Go Green Passenger Transit Upgrade	Seven Springs Mountain Resort Inc.	Somerset	In Progress	\$87,500	\$0	0%
Multifamily Electric Vehicle Charging for Philadelphia	V2G Energy, LLC	Philadelphia	In Project Closeout	\$300,000	\$250,316.53	90%

Alternative Fuels Incentive Grant Program 2020

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Albright College Alternative Fueling Program	Albright College	Berks	In Project Closeout	\$85,00	\$0	90%
Pittsburgh: Electric Vehicles Fleet Purchase	City of Pittsburgh	Allegheny	In Progress	\$160,000	\$100,000	90%
Delaware County Electric Vehicle Supply Equipment Initiative	Delaware County	Delaware	In Progress	\$35,740	\$0	0%
Delaware County Electric Vehicle Conversion Initiative	Delaware County	Delaware	In Progress	\$112,500	\$0	0%
Ingevity RNG Light Truck Demonstration with Adsorbed Natural Gas Technology	Ingevity Corporation	Philadelphia, Washington, Lancaster, Allegheny, Erie	In Progress	\$256,745	\$61,876.44	30%
Transitioning the Lehigh University Police Department to Electric Vehicles	Lehigh University	Lehigh	In Progress	\$24,412	\$21,970.80	80%

Alternative Fuels Incentive Grant Program 2020 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
TARS Trucking Alternative Fuels Incentive Grant (ZEV)	TARS Trucking, Inc.	Allegheny	In Progress	\$52,500	\$0	0%

Alternative Fuels Incentive Grant Program 2021 Round 1

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Driven2Drive EV Fleet Transition Project	Driven2Drive LLC	Montgomery, Chester, Delaware, Philadelphia	In Progress	\$30,000	\$22,500	75%
TM-LFP Battery Development for Low Cost Domestic Production of Zero Emission Vehicles	EC Power Group, Inc.	Centre	In Progress	\$600,000	\$175,301.20	30%
EVgo Electric Vehicle DC Fast Charging in Homestead, PA	EVgo Services LLC	Allegheny	In Progress	\$197,042	\$0	0%
EVgo Electric Vehicle DC Fast Charging in Pleasant Hills, PA	EVgo Services LLC	Allegheny	In Progress	\$156,000	\$0	0%

Alternative Fuels Incentive Grant Program 2021 Round 1 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Fresh Hills Market EV Purchase	Fresh Hills Market	Northampton	In Progress	\$22,500	\$15,000	70%
Iron Mountain Electric Vehicle PA Project	Iron Mountain Information Management Services, Inc	Erie, Allegheny, Beaver, Chester, Delaware	In Progress	\$90,000	\$0	10%
Iron Mountain EV Charging Infrastructure Project	Iron Mountain Information Management Services, Inc	Erie, Allegheny, Beaver, Chester, Delaware	In Progress	\$42,000	\$0	0%
AFIG 2021 - Vehicle	LT Verrastro, Inc.	Lackawanna	In Progress	\$300,000	\$0	0%
Electrifying the Future of School Transportation One Charge at a Time – Broad St.	School District of Philadelphia	Philadelphia	In Progress	\$300,000	\$0	0%
Electrifying the Future of School Transportation One Charge at a Time - Passyunk	School District of Philadelphia	Philadelphia	In Progress	\$300,000	\$0	0%
LKQ Alternative Fueling Fleet Project	Thompson Gas LLC	York, Northampton	In Progress	\$280,125	\$155,625	60%
LKQ Alternative Fueling Fleet Refueling Project	Thompson Gas LLC	York, Northampton	In Progress	\$159,000	\$51,325.65	40%

Alternative Fuels Incentive Grant Program 2021 Round 2

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Aqua All Electric Experience Project	Aqua Pennsylvania Incorporated	Delaware	In Progress	\$36,135	\$0	0%
Chestnut Valley CNG Upgrade	Chestnut Valley Landfill, LLC	Fayette	Grant Execution	\$300,000	\$0	0%
Delaware County Fleet Electrification Project- Vehicles	Delaware County	Delaware	Grant Execution	\$300,000	\$0	0%
Delaware County Fleet Electrification Project- Infrastructure	Delaware County	Delaware	Grant Execution	\$300,000	\$0	0%
Middletown Township Municipal Center DC Fast Charging (DCFC) Project	Township of Middletown	Bucks	In Progress	\$215,000	\$0	10%
Electric City Electric Vehicles (ECEV)	City of Scranton	Lackawanna	In Project Closeout	\$75,000	\$0	90%
Electric City Electric Chargers (ECEC)	City of Scranton	Lackawanna	In Progress	\$45,642	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 1

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Harrisburg Airport DC Fast Charging Car Rental Initiative	Aero Corp Budget Rent-a-Car of Harrisburg	Dauphin	Grant Execution	\$300,000	\$0	0%
Ambridge Borough EV Fleet Conversion	Borough Of Ambridge	Beaver	In Progress	\$15,000	\$0	0%
Electric Vehicles 2	Bethlehem Parking Authority	Northampton	Grant Execution	\$15,000	\$0	0%
Flyspace Fleet – EV Upgrade	Flyspace Productions LLC	Allegheny	In Progress	\$13,500	\$0	0%
Highland Electric Fleets - Penn Hills Electrification Project	HEF-M Pittsburgh, LLC	Allegheny	Grant Execution	\$75,000	\$0	0%
Highland Electric Fleets - Penn Hills Infrastructure Project	HEF-M Pittsburgh, LLC	Allegheny	Grant Execution	\$225,000	\$0	0%
PGW Green Fleet Experience	Philadelphia Gas Works	Philadelphia	In Progress	\$28,125	\$0	0%
Pittsburgh EV Infrastructure	City of Pittsburgh	Allegheny	In Progress	\$35,027	\$0	0%
Pittsburgh EV Fleet purchase	City of Pittsburgh	Allegheny	In Progress	\$253,125	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 1 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
2022 AFIG - Pro Disposal Inc. BEV	Pro Disposal Inc.	Cambria	In Progress	\$300,000	\$0	0%
Protektor 2	Protektor Model Co	Potter	In Progress	\$15,000	\$0	0%
University of Pennsylvania Fleet Electrification Conversion Initiative	Trustees of The University of Pennsylvania	Philadelphia	In Progress	\$52,500	\$0	0%
WM RNG Refuse Vehicle Deployment Project	Waste Management of Pennsylvania Inc	Lackawanna, Westmoreland	In Progress	\$200,000	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 2

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Bryn Mawr College's First Electric Bus	Bryn Mawr College	Montgomery	Grant Execution	\$100,000	\$0	0%
2022 AFIG Application	Borough of Carlisle	Cumberland	Grant Execution	\$37,500	\$0	0%
Chester County Electric Vehicle Charging Stations	County of Chester	Chester	Grant Execution	\$72,464	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 2 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Cumberland County Electric Vehicles	Cumberland County Commissioners	Cumberland	Grant Execution	\$60,000	\$0	0%
Cumberland County Refueling Stations	Cumberland County Commissioners	Cumberland	Grant Execution	\$13,233	\$0	0%
Current Trucking - EV Class 8 Deployment in Pennsylvania	Current Trucking LLC	Schuylkill, York, Montgomery	Grant Execution	\$300,000	\$0	0%
Derry Township Propane School Bus Conversion Continuance Project	Derry Township School District	Dauphin	Grant Execution	\$70,000	\$0	0%
Ride the Green Bus with DMJ Transportation	DMJ Transportation Inc	Westmoreland	Grant Execution	\$9,921	\$0	0%
AFIG DLC December 2022	Duquesne Light Company	Allegheny	Grant Execution	\$90,000	\$0	0%
East Pikeland EV Police Fleet	East Pikeland Township Board of Supervisors	Chester	Grant Execution	\$15,000	\$0	0%
Evolve Logistics - Electric Class 8 EV Deployment in Pennsylvania - FedEx Ground	Evolve Logistics Group Co.	Montgomery, York, Schuylkill	Grant Execution	\$300,000	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 2 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
50 26 th Street	Fifty 26 th LLC	Allegheny	Grant Execution	\$28,500	\$0	0%
IE PA I, LLC – Pittsburgh Charging	IE PA I, LLC	Allegheny	Grant Execution	\$300,000	\$0	0%
KL Harring – Class 8 BEV Project 2	KL Harring Transportation LLC	Berks	Grant Execution	\$300,000	\$0	0%
LCHA Alternative Fuels Incentive Grant Project	Lebanon County Housing Authority	Lebanon	Grant Execution	\$15,000	\$0	0%
Fleet Transition Pilot Program	Township of Lower Merion	Montgomery	Grant Execution	\$22,500	\$0	0%
Middletown Township Electric Vehicle Project	Township of Middletown	Bucks	Grant Execution	\$15,000	\$0	0%
Patton Township Electric Vehicle	Patton Township Board of Supervisors	Centre	Grant Execution	\$7,500	\$0	0%
SDST Electric Bus Program	School District Springfield Township	Montgomery	Grant Execution	\$100,00	\$0	0%
Code / Administration EV	Solebury Township	Bucks	Grant Execution	\$7,500	\$0	0%

Alternative Fuels Incentive Grant Program 2022 Round 2 (continued)

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Springfield Ford Electric Vehicle Rental Project	Springfield Ford Inc	Delaware	Grant Execution	\$292,628	\$0	0%
Transnet EV Demonstration Project -Vehicles	Suburban Transit Network Inc Dba Transnet	Montgomery	Grant Execution	\$11,250	\$0	0%
Transnet EV Demonstration Project- Infrastructure	Suburban Transit Network Inc Dba Transnet	Montgomery	Grant Execution	\$10,854	\$0	0%
New CNG Waste Collection Vehicle Purchase Project at T.C. Recycling	TC Recycling LLC	Butler	Grant Execution	\$120,000	\$0	0%
New CNG Waste Collection Vehicle Purchase Project at Tri-County Industries	Tri County Industries Inc	Mercer	Grant Execution	\$120,000	\$0	0%
Tri-County Transit Propane Shuttle Bus Conversion Project	Tri-County Transit Service Inc	Montgomery	Grant Execution	\$120,000	\$0	0%
New CNG Waste Collection Vehicle Purchase Project at Vogel Disposal Service	Vogel Disposal Service Inc	Butler	Grant Execution	\$120,000	\$0	0%
WHC PA, LLC - Pittsburgh EVs	WHC PA, LLC	Allegheny	Grant Execution	\$300,000	\$0	0%

Alternative Fuels Incentive Grant Program 2018 FAST Act Infrastructure Grants

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
Giant Eagle EV Fast Charging Project – I-79 Pittsburgh South	Giant Eagle, Inc.	Allegheny	In Progress	\$330,00	\$0	10%
Giant Eagle EV Fast Charging Project – I-79 Pittsburgh North	Giant Eagle, Inc.	Allegheny	In Progress	\$330,00	\$0	10%

Alternative Fuels Incentive Grant Program 2020 FAST Act Infrastructure Grants

Project Name	Funding Recipient	County	Project Status	Total Grant Funding	Total Amount Invoiced	Percent Complete
American Natural Cranberry EV	American Natural	Butler	In Progress	\$104,048	\$0	10%
American Natural Gibsonia EV	American Natural	Allegheny	In Progress	\$110,610	\$0	10%
American Natural Harmar EV	American Natural	Allegheny	In Progress	\$108,881	\$0	10%
American Natural Mars EV Charging Station	American Natural	Butler	In Progress	\$99,336	\$0	10%
American Natural Wexford EV	American Natural	Allegheny	In Progress	\$107,341	\$0	10%
DC Fast Charging Project on Rt.80 White Haven PA	U-Go Stations Inc.	Luzerne	In Progress	\$85,000	\$0	50%

Alternative Fuel Vehicle Rebate Program

The AFV Rebate Program supports Pennsylvania residents who purchase a new, qualified AFV registered in Pennsylvania and powered by CNG, electricity, hydrogen fuel cells (FC), or LPG. Since 2011, the program has provided \$15.7 million in rebate funds to over 10,000 Pennsylvania residents.

Significant changes were made to the program for PY 2022-2023. The AFV Rebate Program increased rebate amounts for both new and pre-owned BEVs from \$750 to \$2,000 and PHEVs from \$500 to \$1,500 and added income eligibility limits. An applicant's total household income must be no more than 400 percent of the federal poverty guideline in order to qualify. This change is an attempt to bridge the affordability gap on AFVs for those Pennsylvania residents near or below the median income level for the commonwealth. The program is continuing to offer an additional \$1,000 rebate for those applicants whose total household income is below 200 percent of the federal poverty guideline. The new program guidelines went into effect on September 1, 2022. The rebates are in addition to the new federal clean vehicle tax credits (<https://www.irs.gov/credits-deductions/credits-for-new-clean-vehicles-purchased-in-2023-or-after>), which provide credits of up to \$7,500 for qualifying new vehicles and up to \$4,000 for qualifying pre-owned vehicles to eligible individuals.

From September 1, 2022, through June 30, 2023, DEP approved 359 rebates for AFVs purchased and registered in Pennsylvania and provided \$775,500 in rebate reimbursements, including 272 rebates for new vehicles and 87 rebates to one-time, pre-owned vehicles with 75,000 miles or fewer. Of these rebates, 91 qualified for the additional \$1,000 rebate for low-income Pennsylvania residents. For example, a qualifying individual who purchased a new Chevrolet Bolt for \$25,000 received a rebate for \$3,000. Combined with the federal tax credit, the actual amount the individual paid for the vehicle could potentially be as low as \$14,500.

From September 1, 2022, through June 30, 2023, the rebate structure was based on the following:

- \$2,000 rebate for a Battery Electric Vehicle (BEV).
- \$1,500 rebate for a Plug-In Hybrid Electric Vehicle (PHEV).
- \$500 rebate for a Natural Gas (CNG) fueled vehicle including original equipment manufacturer (OEM)/Certified Retrofits only.
- \$500 rebate for a Propane (LPG) fueled vehicle including OEM/Certified Retrofits only.
- \$500 rebate for an Electric Motorcycle.

Additional rebate for low-income Pennsylvania residents:

- New (purchased or leased) and used AFVs are eligible for an additional \$1,000 rebate if the applicant's total household income is below 200 percent of the federal poverty guideline.

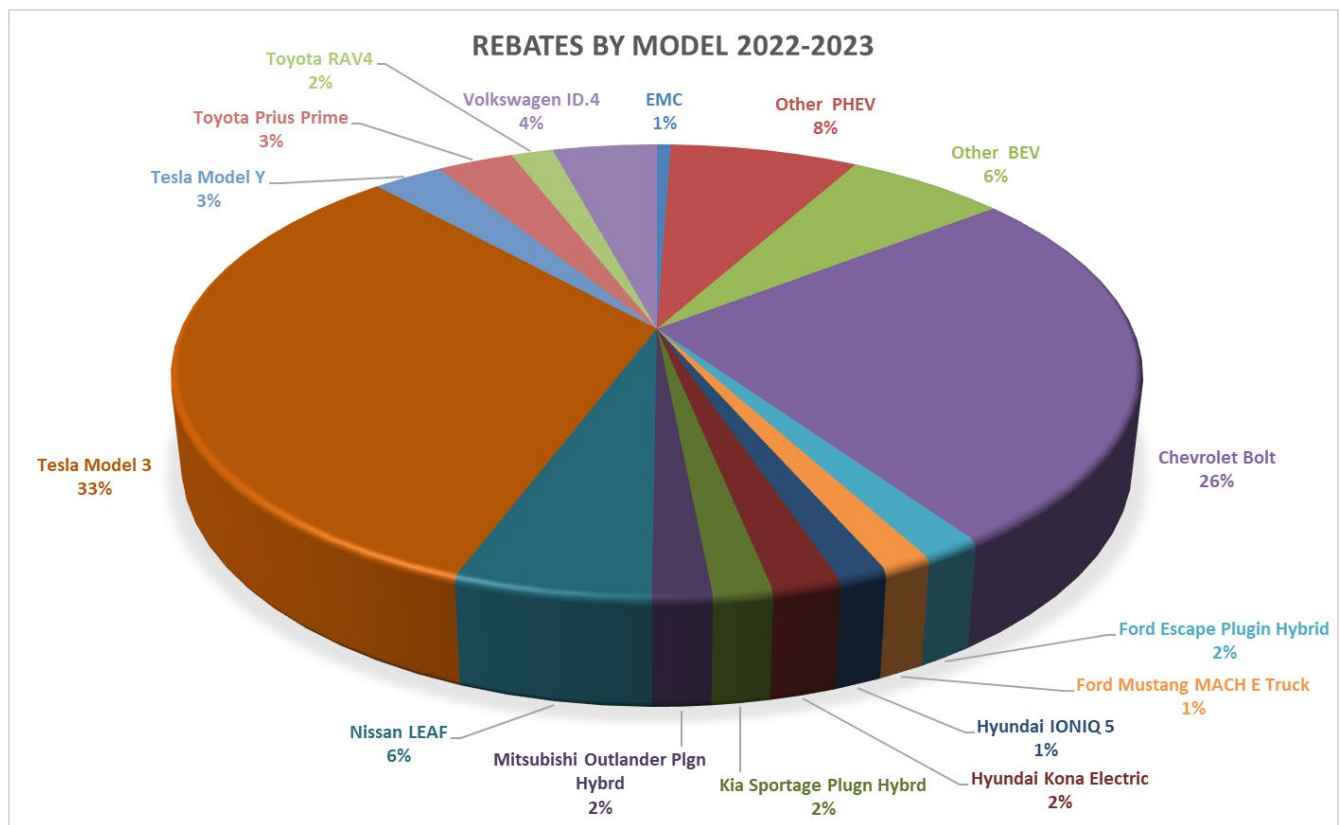
Throughout PY 2022-2023, the final purchase price for eligible AFVs was capped at \$50,000.

The following table breaks down the total rebates issued by type of vehicle during FY 2022-2023:

July 1, 2022 – June 30, 2023

Vehicle Type	Number of Rebates	Total Rebate Amount Issued
Electric Motorcycles	2	\$1,000
Battery Electric Vehicles (BEVs)	295	\$660,500
Plug-In Hybrid Electric Vehicles (PHEVs)	62	\$114,000
Total	359	\$775,500

The following chart illustrates the percentage of rebates awarded by vehicle make and model during FY 2022-2023. The chart illustrates the increasing number of available AFVs in the market.



The program will continue under the same guidelines for PY 2023-2024. One million dollars of funding is available, and the AFV Rebate program will offer 500 rebates at the \$2,000 level.

Statement of Revenues and Expenditures

Alternative Fuels Incentive Grant Fund as of June 30, 2023

Beginning Balance – July 1, 2022.....\$16,622,740.95

Cycle 30 Revenue - Transfer made in May 2023.....\$5,124,706.47

Keystone Biofuels Settlement.....\$174.54

Expenditures

Personnel:.....-\$67,000

Operating:.....-\$45,500.40

Grants and Rebates:.....-\$3,588,377.91

Total Expenditures:.....-\$3,700,878.31

Ending Balance – June 30, 2023\$18,046,743.65

➤ The fund balance of **\$18,046,743.65** on June 30, 2023, contained:

- \$ 5,707,835.04 of committed grant contract obligations.
- \$ 5,382,975 of grant awards awaiting to be committed into grant contracts.
- \$ 1,000,000 of programmatic set aside for PY 2023-2024 rebate program.
- \$ 67,500 in planned personnel costs.
- \$ 72,000 in planned operating costs
- \$ 111,770 in the Municipal EV Education Program contract
- \$75,000 set aside for Dealer EV Education

This results in a current uncommitted balance of **\$5,629,663.61**.

Note: **\$5,124,706.47** of the fund balance was only recently received into the AFIG Program account as revenue in May 2023.

Appendix – Awarded Projects from 2022 AFIG Program

Vehicle Class 1-2 Projects:

Awardee: Borough of Ambridge

Project: Ambridge Borough EV Fleet Conversion

Award Total: \$15,000

County: Beaver

Number of Vehicles: 2

Estimated GGE saved per year: 2,139

Project Description: \$15,000 in AFIG funding for the purchase of two Class 2 electric pickup trucks for the Borough's police department. This project is located in and serves an Environmental Justice area.

Awardee: Bethlehem Parking Authority

Project: Electric Vehicles 2

Award Total: \$15,000

County: Northampton

Number of Vehicles: 2

Estimated GGE saved per year: 421

Project Description: \$15,000 for the purchase of two Class 1 electric passenger vehicles for their parking enforcement fleet. This project is located in and serves an Environmental Justice area.

Awardee: Borough of Carlisle

Project Title: 2022 AFIG Application

Award Total: \$37,500

County: Cumberland

Number of Vehicles: 5

Estimated GGE saved per year: 1,230

Project Description: \$37,500 in AFIG funding for the purchase of five Class 2 electric pickups and light passenger trucks for the Borough's Code department, administrative staff, and police department. This project is located in and serves an Environmental Justice area.

Awardee: County of Cumberland

Project Title: Cumberland County Electric Vehicles

Award Total: \$60,000

County: Cumberland

Number of Vehicles: 8

Estimated GGE saved per year: 2,302

Project Description: \$60,000 in AFIG funding for the purchase of six Class 1 electric passenger vehicles, one Class 2 electric pickup truck, and one Class 2 electric transit van to be utilized by several County departments including Facilities, Probation, and County Conservation District. This project serves an Environmental Justice area.

Awardee: Duquesne Light Company

Project Title: AFIG DLC December 2022

Award Total: \$90,000

County: Allegheny

Number of Vehicles: 12

Estimated GGE saved per year: 8,021

Project Description: \$90,000 in AFIG funding for the purchase of twelve Class 2 electric pickup trucks for use by service technicians in the DLC service area. This project is located in and serves an Environmental Justice area.

Awardee: East Pikeland Township

Project Title: East Pikeland EV Police Fleet

Award Total: \$15,000

County: Chester

Number of Vehicles: 2

Estimated GGE saved per year: 1,231

Project Description: \$15,000 in AFIG funding for the purchase of one Class 1 electric passenger vehicle and one Class 2 electric pickup truck.

Awardee: Fifty 26th LLC

Project Title: 50 26th Street

Award Total: \$28,500

County: Allegheny

Number of Vehicles: 6

Estimated GGE saved per year: 4,929

Project Description: \$28,500 in AFIG funding for the purchase of three Class 1 electric passenger vehicles and three electric scooters for resident use. This project is located in an Environmental Justice area.

Awardee: Flyspace Productions, LLC

Project: Flyspace Fleet – EV Upgrade

Award Total: \$13,500

County: Allegheny

Number of Vehicles: 2

Estimated GGE saved per year: 2,608

Project Description: \$13,500 in AFIG funding for the purchase of a Class 2 electric pickup truck and a Class 2 electric cargo van to be utilized for deliveries and towing for event equipment rentals. This project is located in and serves an Environmental Justice area.

Awardee: HEF-M Pittsburgh, LLC

Project: Highland Electric Fleets - ASTP Penn Hills Electrification Project

Award Total: \$75,000

County: Allegheny

Number of Vehicles: 10

Estimated GGE saved per year: 12,461

Project Description: \$75,000 in AFIG funding for the purchase of ten Class 2 electric transit vans for use by the Penn Hills School District. This project is located in and serves an Environmental Justice area.

Awardee: Lebanon County Housing Authority

Project Title: LCHA Alternative Fuels Incentive Grant Project

Award Total: \$15,000

County: Lebanon

Number of Vehicles: 2

Estimated GGE saved per year: 1,287

Project Description: \$15,000 in AFIG funding for the purchase of one Class 1 electric passenger vehicle and one Class 2 electric transit van to be used by the Authority's Maintenance and Support teams. This project is located in and serves an Environmental Justice area.

Awardee: Township of Lower Merion

Project Title: Fleet Transition Pilot Program

Award Total: \$22,500

County: Montgomery

Number of Vehicles: 3

Estimated GGE saved per year: 527

Project Description: \$22,500 in AFIG funding for the purchase of one Class 1 electric passenger vehicle and two Class 2 electric pickup trucks. One vehicle will be utilized by the township police force; the other two will be rotated between departments to test use by the township. This project serves an Environmental Justice area.

Awardee: Patton Township Board of Supervisors

Project Title: Patton Township Electric Vehicle - EPZ

Award Total: \$7,500

County: Centre

Number of Vehicles: 1

Estimated GGE saved per year: 324

Project Description: \$7,500 in AFIG funding for the purchase of one Class 1 electric passenger vehicle for use by township staff in the Department of Engineering, Planning and Zoning. This project will be located in and serve an Environmental Justice area.

Awardee: Philadelphia Gas Works

Project: PGW Green Fleet Experience

Award Total: \$28,125

County: Philadelphia

Number of Vehicles: 5

Estimated GGE saved per year: 3,060

Project Description: \$28,125 in AFIG funding for the purchase of three class 1 electric passenger vehicles and two class 2 electric pickup trucks to be used for customer service and field service duties. This project is located in and serves an Environmental Justice area.

Awardee: City of Pittsburgh

Project: Pittsburgh EV Fleet purchase

Award Total: \$253,125

County: Allegheny

Number of Vehicles: 45

Estimated GGE saved per year: 31,870

Project Description: \$235,125 in AFIG funding for the purchase of thirty class 1 electric passenger vehicles and fifteen class 2 electric transit vans. The fifteen transit vans will be utilized by the City's public works department while the sedans will be used by the Department of Permits, Licenses and Inspections for field duty. This project is located in and serves an Environmental Justice area.

Awardee: Protektor Model Co

Project: Protektor 2

Award Total: \$15,000

County: Potter

Number of Vehicles: 2

Estimated GGE saved per year: 9,022

Project Description: \$15,000 in AFIG funding for the purchase of two class 2 electric pickup trucks to be used to travel to various trade shows and competitions, as well as to make and pick up deliveries within the Protektor service area.

Awardee: Solebury Township

Project Title: Code/Administration EV

Award Total: \$7,500

County: Bucks

Number of Vehicles: 1

Estimated GGE saved per year: 324

Project Description: \$7,500 in AFIG funding for the purchase of one Class 1 electric passenger vehicle to be utilized by the Township Codes department.

Awardee: Suburban Transit Network Inc.

Project Title: Transnet EV Demonstration Project -Vehicles

Award Total: \$11,250

County: Montgomery

Number of Vehicles: 2

Estimated GGE saved per year: 3,529

Project Description: \$11,250 in AFIG funding for the purchase of two Class 2 electric transit vans to be used for mobility transportation for ambulatory passengers. This project serves an Environmental Justice area.

Awardee: The Trustees of the University of Pennsylvania

Project: University of Pennsylvania Fleet Electrification Conversion Initiative

Award Total: \$52,500

County: Philadelphia

Number of Vehicles: 7

Estimated GGE saved per year: 14,417

Project Description: \$52,500 in AFIG funding for the purchase of seven Class 2 electric transit vans to be used by the university's student shuttle fleet. This project is located in and serves an Environmental Justice area.

Awardee: WHC PA, LLC

Project Title: WHC PA, LLC - Pittsburgh EVs

Award Total: \$300,000

County: Allegheny

Number of Vehicles: 40

Estimated GGE saved per year: 97,087

Project Description: \$300,000 in AFIG funding for the purchase of 40 Class 1 electric passenger vehicles to be used by the zTrip taxi service. This project is located in and serves an Environmental Justice area.

2021 Class 3+ Vehicle Projects:

Awardee: Bryn Mawr College

Project Title: Bryn Mawr College's First Electric Bus: Toward Carbon Neutrality in 2035

Award Total: \$100,000

County: Montgomery

Number of Vehicles: 1

Estimated GGE saved per year: 1,939

Project Description: \$100,000 in AFIG Funding for the purchase of one Class 7 electric bus for student transportation. This project serves an Environmental Justice area.

Awardee: Current Trucking LLC

Project Title: Current Trucking - EV Class 8 Deployment in Pennsylvania

Award Total: \$300,000

County: Schuylkill, York, Montgomery

Number of Vehicles: 3

Estimated GGE saved per year: 50,118

Project Description: \$300,000 in AFIG funding to deploy three fully electric Class 8 Semis or “eTractors” to be used by Current Trucking as a long-haul Commerce Service Provider for FedEx. This project operates in Environmental Justice areas.

Awardee: Derry Township School District

Project Title: Derry Township Propane School Bus Conversion Continuance Project

Award Total: \$70,000

County: Dauphin

Number of Vehicles: 7

Estimated GGE saved per year: 9,698

Project Description: \$70,000 in AFIG funding for the purchase of seven propane school buses.

Awardee: DMJ Transportation Inc

Project Title: Ride the Green Bus with DMJ Transportation

Award Total: \$9,921

County: Westmoreland

Number of Vehicles: 6

Estimated GGE saved per year: 9,559

Project Description: \$9,921 in AFIG funding for the purchase of six CNG school buses.

Awardee: Evolve Logistics Group Co.

Project Title: Evolve Logistics - Electric Class 8 EV Deployment in Pennsylvania - FedEx Ground

Award Total: \$300,000

County: Montgomery, York, Schuylkill

Number of Vehicles: 3

Estimated GGE saved per year: 50,118

Project Description: \$300,000 in AFIG funding to deploy three fully electric Class 8 Semis or “eTractors” to be used as a long-haul Commerce Service Provider for FedEx. This project operates in Environmental Justice areas.

Awardee: KL Harring Transportation

Project Title: KL Harring - Class 8 BEV Project 2

Award Total: \$300,000

County: Berks

Number of Vehicles: 3

Estimated GGE saved per year: 44,354

Project Description: \$300,000 in AFIG funding to deploy three fully electric Class 8 Semis or “eTractors” for use as a long-haul contractor for Bayer Pharmaceuticals. This project operates in Environmental Justice areas.

Awardee: Pro Disposal Inc.

Project: 2022 AFIG - Pro Disposal Inc. BEV

Award Total: \$300,000

County: Cambria

Number of Vehicles: 3

Estimated GGE saved per year: 44,060

Project Description: \$300,000 in AFIG funding for the purchase of three Class 8 electric garbage trucks to be used for waste collection in the city of Johnstown, PA. This project is located in and serves an Environmental Justice area.

Awardee: School District of Springfield Township

Project Title: SDST Electric Bus Program

Award Total: \$100,000

County: Montgomery

Number of Vehicles: 1

Estimated GGE saved per year: 900

Project Description: \$100,000 in AFIG funding for the purchase of one Class 8 electric school bus.

Awardee: T.C. Recycling, LLC

Project Title: New CNG Waste Collection Vehicle Purchase Project at T.C. Recycling

Award Total: \$120,000

County: Butler

Number of Vehicles: 6

Estimated GGE saved per year: 168,307

Project Description: \$120,000 in AFIG funding for the purchase of six new RNG fueled waste collection vehicles.

Awardee: Tri-County Industries, Inc.

Project Title: New CNG Waste Collection Vehicle Purchase Project at Tri-County Industries

Award Total: \$120,000

County: Mercer

Number of Vehicles: 6

Estimated GGE saved per year: 227,000

Project Description: \$120,000 in AFIG funding for the purchase of six new RNG fueled waste collection vehicles.

Awardee: Tri-County Transit Service Inc.

Project Title: Tri-County Transit Propane Shuttle Bus Conversion Project

Award Total: \$120,000

County: Montgomery

Number of Vehicles: 4

Estimated GGE saved per year: 6,153

Project Description: \$120,000 in AFIG funding for the purchase of four Class 4 propane transit buses. This project is located in and serves an Environmental Justice area.

Awardee: Waste Management of Pennsylvania, Inc.

Project: WM RNG Refuse Vehicle Deployment Project

Award Total: \$200,000

County: Lackawanna, Westmoreland

Number of Vehicles: 10

Estimated GGE saved per year: 169,853

Project Description: \$200,000 in AFIG funding for the purchase of ten heavy-duty Renewable Natural Gas solid waste collection vehicles. This project operates in Environmental Justice areas.

Awardee: Vogel Disposal Service, Inc.

Project Title: New CNG Waste Collection Vehicle Purchase Project at Vogel Disposal Service

Award Total: \$120,000

County: Butler

Estimated GGE saved per year: 258,607

Project Description: \$120,000 in AFIG funding for the purchase of six new RNG fueled waste collection vehicles.

2022 Refueling Infrastructure Projects:

Awardee: Aero Corp

Project: Harrisburg Airport DC Fast Charging Car Rental Initiative

Award Total: \$300,000

County: Dauphin

Project Description: \$300,000 in AFIG funding to install six DC Fast Charging Electric Vehicle Supply Equipment units. These chargers will service Aero's fleet of rental vehicles and supplement public

charging in and around Harrisburg International Airport. The project is located in and serves an Environmental Justice community

Awardee: County of Chester

Project Title: Chester County Electric Vehicle Charging Stations

Award Total: \$72,464

County: Chester

Project Description: \$72,464 in AFIG funding to install eight dual-port Level 2 chargers across six county facilities that will support county-owned EVs. This project is located in and serves an Environmental Justice area.

Awardee: County of Cumberland

Project Title: Cumberland County Refueling Stations

Award Total: \$13,233

County: Cumberland

Project Description: \$13,233 in AFIG funding for the installation of six Level 2 chargers at two locations for use by county-owned EVs. The vehicles utilizing this project will serve an Environmental Justice area.

Awardee: HEF-M Pittsburgh, LLC

Project: Highland Electric Fleets - ASTP Penn Hills Infrastructure Project

Award Total: \$225,000

County: Allegheny

Project Description: \$225,000 in AFIG funding to deploy twenty 25kW Delta Wallbox DC Fast Chargers to support ten electric vans and ten electric school buses in the Penn Hills School District. This project is located in and serves an Environmental Justice area.

Awardee: IE PA I, LLC

Project Title: IE PA I, LLC – Pittsburgh Charging

Award Total: \$300,000

County: Allegheny

Project Description: \$300,000 in AFIG funding for the installation of eight DC Fast Chargers for use by the zTrip taxi fleet. This project is located in and serves an Environmental Justice area.

Awardee: Springfield Ford Inc.

Project Title: Springfield Ford Electric Vehicle Rental Project

Award Total: \$292,628

County: Delaware

Project Description: \$292,628 in AFIG funding to install three DC Fast Chargers and six Level 2 electric vehicle chargers for their proposed rental fleet, as well as use for the public. This project is located in an Environmental Justice area.

Awardee: Suburban Transit Network Inc.

Project Title: Transnet EV Demonstration Project- Infrastructure

Award Total: \$10,854

County: Montgomery

Project Description: \$10,854 in AFIG funding to install one Level 2 charger to service vehicles used for mobility transportation for ambulatory passengers. The vehicles utilizing this project serve an Environmental Justice area.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ENERGY PROGRAMS OFFICE

“An Equal Opportunity Employer”

7200-BK-DEP5529 11/2023