**Alternative Fuels Incentive Grants**

**Municipal Electric Vehicle Education Program**

**In 2023, DEP held in-person and virtual education sessions designed to educate municipalities on the basics of electric vehicles, charging infrastructure, as well as planning, policymaking and incentives.** Recordings of the virtual education sessions and the PowerPoint presentation will be available soon. The program is developing an Electric Vehicle Guidebook for Pennsylvania Municipalities that will provide resources to support electric vehicle adoption and charging infrastructure. The Guidebook and other resources will be available later in 2024.

**About the AFIG Program**

The Alternative Fuels Incentive Grant Program (AFIG) was established under Act 166 of 1992 to help create new markets for alternative fuels in Pennsylvania, increasing energy security and improving air quality.

The program invests in the deployment of alternative fuel vehicles, fleets, refueling infrastructure, and technologies, as funded projects build markets for advanced, renewable, and alternative energy transportation technologies. The intent is to provide a stimulus for opportunities that better manage Pennsylvania's fuel resources in a way that also improves the environment, supports economic development, and enhances quality of life in Pennsylvania.

AFIG has approximately $5 million in funding per year available to school districts, municipalities, nonprofit organizations, and businesses in Pennsylvania that want to transition to cleaner fuel transportation.

Supported alternative fuels include electricity, compressed natural gas, liquefied natural gas, propane, hydrogen, hythane, biodiesel, ethanol, methanol, and other advanced biofuels. Grant funding covers:

* Incremental costs related to retrofitting vehicles to operate on alternative fuels;
* Incremental costs to purchase alternative fuel vehicles;
* Cost to purchase and install the necessary fleet-refueling or home-refueling equipment for alternative fuel vehicles;
* Cost to perform research, training, development, and demonstration of new applications or next-phase technology related to alternative fuel vehicles.

**2023 AFIG Details and Instructions**

* [AFIG 2023 Guidelines](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=5328465&DocName=ALTERNATIVE%20FUELS%20INCENTIVE%20GRANT%20PROGRAM%202023.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c/span%3e%206/12/2025) (PDF)
* [DCED Electronic Single Application system](https://www.esa.dced.state.pa.us/Login.aspx) – **All applications must be submitted via this online tool**
* [AFIG Electronic Single Application Step-by-Step Guide: Instructions for the Online Application](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/AFIG_Grant_Application_Instructions.docx) (Word)
* [AFIG 2023 Project-Specific Step-by-Step Guide](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/AFIG_2023_Project_Specific_Step-by-Step_Guide.docx) (Word)

**Priorities for grant funding:**

* Businesses whose headquarters or principal place of business are located in Pennsylvania;
* Zero emission vehicle projects;
* Medium-duty and light-duty fleet refueling infrastructure projects;
* Renewable natural gas vehicle and infrastructure projects;
* Projects located in or predominantly serving environmental justice areas;
* Minority-, veteran-, or woman-owned businesses.

DEP will award at least 20% of AFIG funding to the following entities, depending on applications received:

* Counties, townships, municipalities, or municipal authorities;
* Public school districts, including brick and mortar charter schools;
* Organizations registered as a 501(c)3 that provide services to seniors, low-income individuals and families, individuals with disabilities, veterans, or medical services of any type;
* Businesses that are registered with the Commonwealth as a Small Diverse Business  or registered with one of the Pennsylvania Department of General Services approved third-party certifications; and
* 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.

**Contact**

For project and funding inquiries, please contact: Josh Dziubek, Energy Programs Office, at [jdziubek@pa.gov](mailto:jdziubek@pa.gov) or (717) 705-0374.

For updates on the AFIG program, sign up for the AFIG mailing list at [RA-AFIG@pa.gov](mailto:RA-AFIG@pa.gov).

**AFIG 2022 Round 2 Awards**

[List of AFIG 2022 Round 2 awards](https://www.ahs.dep.pa.gov/NewsRoomPublic/SearchResults.aspx?id=22338&typeid=1)

**AFIG 2022 Round 1 Awards**

[List of AFIG 2022 Round 1 awards](https://www.ahs.dep.pa.gov/NewsRoomPublic/SearchResults.aspx?id=22261&typeid=1)

**AFIG 2022 Informational Webinar**

The DEP Energy Programs Office held an informational webinar on the 2022 Alternative Fuels Incentive Grant Program on August 16, 2022.

* [Webinar recording](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/Public_Webinar_Alternative_Fuels_Incentive_Grant-20220816_1803-1.mp4). (MP4) The discussion includes questions from attendees.
* View the presentation slides: ([PowerPoint with notes](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/AFIG_Webinar_08162022.pptx)) | ([PDF](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/AFIG_Webinar_08162022.pdf))
* [Read the webinar transcript](https://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OETDPortalFiles/GrantsLoansTaxCredits/AlternativeFuelsIncentiveGrant/AFIG/Transcript_for_Public_Webinar_Alternative_Fuels_Incentive_Grant-20220816.pdf). (PDF)

This webinar is intended for all audiences interested in applying for the Alternative Fuels Incentive Grant (AFIG). The webinar provides an overview of the AFIG program, as well as information on eligibility, types of projects funded, how to apply, and application best practices.

**Annual Reports**

* [2021-2022](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=4906768&DocName=ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20PROGRAM%20ANNUAL%20REPORT%202021-2022.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e) (PDF)
* [2020-2021](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=4069461&DocName=ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%202020-2021%20ANNUAL%20REPORT.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e) (PDF)
* [2019-2020](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=3516161&DocName=ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%202019-2020%20ANNUAL%20REPORT.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e%201/21/2023) (PDF)
* [2018-2019](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=1581504&DocName=ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%202018-2019%20ANNUAL%20REPORT.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e) (PDF)
* [2017-2018](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=1433771&DocName=ALTENATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%202017-2018%20ANNUAL%20REPORT.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c/span%3e) (PDF)
* [2016-2017](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=4928&DocName=2016-2017%20ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%20ANNUAL%20REPORT.PDF%20) (PDF)
* [2015-2016](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=5498&DocName=2015-16%20ALTERNATIVE%20FUELS%20INCENTIVE%20ACT%20FUND%20ANNUAL%20REPORT.PDF%20) (PDF)

**Success Stories**

Please see our profiles on [Nelson Business Enterprises](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=44572&DocName=ENERGY%20SUCCESS%20STORY:%20NELSON%20BUSINESS%20ENTERPRISES.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e) and [Pocono Mountain School District](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=44570&DocName=ENERGY%20SUCCESS%20STORY:%20POCONO%20MOUNTAIN%20SCHOOL%20DISTRICT%20PROPANE%20BUS%20PURCHASE.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e). These are just two of many AFIG-funded clean transportation project success stories. More are under development.

“Scranton is known as the Electric City, and we strive to earn that name again over the coming years. We're grateful for these DEP funds, which will help us build toward our goal of a more sustainable energy future.” -- Mayor Paige Cognetti, on the first AFIG funding provided to the City of Scranton for electric vehicles and chargers

"Delaware County is reducing its greenhouse gas emissions through the development of a holistic sustainability and climate action plan. Investing in electric vehicles and charging infrastructure is a critical part of this plan.” – Chief Sustainability Officer Francine Locke, on receiving a grant for the largest fleet electrification project the AFIG program has supported to date

“Allegheny County has been converting our vehicle fleet to electric since early 2020 to reduce tailpipe emissions and air pollution and reduce our carbon footprint. We’ve been fortunate to have received multiple AFIG awards that have supported our efforts, and look forward to continuing to partner with the Department of Environmental Protection, and joining so many other entities in the transition to cleaner vehicles.” – Sustainability Manager Brittany Prischak

**Helpful Tools for Applicants**

[Electric Vehicles in Pennsylvania Fact Sheet](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=13981&DocName=ELECTRIC%20VEHICLES%20IN%20PENNSYLVANIA.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%3c/span%3e) (PDF)

[2021 Pennsylvania Electric Vehicle Roadmap](https://files.dep.state.pa.us/Energy/OfficeofPollutionPrevention/StateEnergyProgram/PAElectricVehRoadmapBookletDEP5334.pdf) (PDF)

[Alternative Fuels Map](http://www.depgis.state.pa.us/EPOAlternativeFuelsViewer/)  
This map shows locations of electric vehicle charging and compressed natural gas, liquified natural gas, and E85 (gasoline containing 85% ethanol) refueling stations in Pennsylvania that were supported by Pennsylvania Department of Environmental Protection, Commonwealth Finance Authority, U.S. Department of Agriculture, and private funds.

[Alternative Fuel Refueling Sites](https://www.afdc.energy.gov/locator/stations/)  
Find locations in Pennsylvania, or across the country, that offer the following alternative fuel types: compressed natural gas, liquified propane gas, electric charging, liquified natural gas, ethanol (e85), and methanol (m85).

[Alternative Fuels Data Center](https://www.afdc.energy.gov/)  
This site lists vehicles available from manufacturers, national refueling information, emission reduction demonstration studies, and more information.

[AFLEET](https://afleet.es.anl.gov/afleet/public/) Online

The Argonne National Laboratory has developed the Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool. This online version of AFLEET compares new alternative fuel vehicles to gasoline (light-duty) and diesel (heavy-duty) vehicles.

[Fleet Buyer's Guide](https://www.afdc.energy.gov/vehicles/search/)  
A website designed to help you understand and acquire AFVs.

[Fuel Economy Site](http://www.fueleconomy.gov/)  
The U.S. Department of Energy and U.S. Environmental Protection Agency have jointly developed a new website that allows consumers easy access to fuel economy data.

[Vehicle Cost Calculator](https://www.afdc.energy.gov/calc/)  
Use this calculator from the U.S. Department of Energy to compare alternative fuel vehicles with their gasoline-only counterparts.