

COMMONWEALTH OF PENNSYLVANIA



**PROJECT DESCRIPTION  
MEDIUM- AND HEAVY-DUTY ZERO  
EMISSION VEHICLE FLEET PILOT  
GRANT PROGRAM**

Grants Customer Service Center  
800-379-7448

\*Indicates required information

Electronic Single Application (ESA)  
<http://www.esa.dced.state.pa.us/>

**Application Information**

Web Application ID:\*

Applicant Legal Name:\*

Project Title:\*

**Project Narrative**

**Instructions: Provide a detailed project narrative using the outline below.**

1. Brief description of the applicant's organization, including a description of the GVWR Class 4-8 vehicle fleet operated by the organization.
  
2. Overview of the proposed project:
  - a. Proposed project timeline from date of award that includes vehicle order, vehicle delivery, vehicles placed into service, fueling infrastructure preparations, fueling infrastructure construction, and fueling infrastructure completion.
  
3. Description of applicant's fleet vehicles of the same GVWR class and vocation type that includes the project vehicles:
  - a. Detailed description of the project fleet and how the vehicles are used (i.e. regional freight, local delivery, etc.).
  
  - b. Identification of home base address of the fleet (identify if there is more than one base).

- c. Describe the vehicles' normal operations including mileage, hours of use, location, and variation in day-to-day use.

4. Identification of the vehicles proposed for replacement:

- a. Description of applicant's Normal Attrition Schedule (or if EPA standard is used).
- b. Remaining useful life of each proposed project vehicle.
- c. Average annual miles and/or hours that vehicles are operated.

5. Identification of the ZEVs proposed to be purchased:

- a. Detailed vehicle specifications including range, battery/tank size, performance metrics, etc.
- b. Describe all necessary modifications after OEM production, including what vendors are proposed to perform the modifications.

6. Identification of fueling infrastructure plan:

- a. Type of fuel.
- b. Location(s) where fueling infrastructure will be installed.
- c. If the applicant does not own the property where the fueling infrastructure will be located please provide documentation of landowner approval, or the status of obtaining such permission.
- d. Description of fueling infrastructure size, type, and capacity.

e. If the proposed project involves charging of BEVs, description of available electricity capacity for the project, which can include available capacity from nearby building(s) and/or confirmation from the electric utility that additional capacity is readily available.

7. Summary of applicant's current policies, commitments, and/or initiatives that align with the proposed project.
8. Description of the applicant's research, planning, design, and/or other activities to prepare for this project.
9. Description of the applicant's commitment to the success of the project including relevant data collection and reporting so other similar fleets can make informed decisions regarding MHD ZEV implementations.
10. Brief description of any vehicle manufacturing or assembly that will occur in Pennsylvania.
11. List and briefly describe all Pennsylvania headquartered entities, including the applicant and vendors, that will participate in the project.
12. List and briefly describe all women and/or minority owned businesses, including the applicant and vendors, that will participate in the project.