

**Semi Annual Report to the Trustee  
Commonwealth of Pennsylvania  
January 2020  
(Reporting Period – January 1, 2020 through June 30, 2020)**

**Overview:** The Commonwealth of Pennsylvania (Pennsylvania) was designated as a beneficiary of the Environmental Mitigation Trust Agreement for State Beneficiaries (Trust Agreement) on January 29, 2018. The Pennsylvania Department of Environmental Protection (PA DEP) was designated as the lead agency responsible for disbursing Pennsylvania’s allocation of the trust fund monies. Pennsylvania is one of the few beneficiaries that has vehicles and equipment eligible for repower or replacement under all Eligible Mitigation Actions (EMAs) 1 through 8. Pennsylvania also has developed an Electric Vehicle Roadmap<sup>1</sup> identifying goals for the distribution of electric vehicle charging infrastructure (EMA 9). Pennsylvania has participated in the State Clean Diesel Grant Program for many years prior to the establishment of the trust fund and plans to continue participating (EMA 10).

PA DEP has created a suite of programs called Driving PA Forward, that includes eight programs to disburse the trust fund monies. All 10 EMAs are included across these eight programs. This is consistent with PA DEP’s stated goal in its Beneficiary Mitigation Plan to offer funding for all EMAs.

**Status of each EMA:** PA DEP intends to offer funding under each program over at least five years, although PA DEP may offer the programs for varying periods of time, depending upon interest and participation in each program.

**Progress:** In the sections below, PA DEP provides the following information describing the progress of implementing each EMA, required under Section 5.3 of the Trust Agreement:

- A summary of all costs expended through the end of the current reporting period
- An actual or projected termination date of the EMA
- A description of the development, implementation, and any modification of each approved EMA

Additionally, for each EMA, PA DEP identifies which funding program supports the EMA, funding program details (open and close of application period, funding offered, etc.), projects completed under each program (per EMA), funds committed and expended, and other details.

**EMA 1: Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)**

PA DEP funds projects eligible under this EMA through two programs, the details for which are provided below:

- Class 8 Truck and Transit Bus Grant Program
- Onroad Rebate Program

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<sup>1</sup> <http://files.dep.state.pa.us/Energy/OfficeofPollutionPrevention/StateEnergyProgram/PAEVRoadmap.pdf>

## Class 8 Truck and Transit Bus Grant Program – Calendar Years (CYs) 2018-2019

- *Development*
  - PA DEP developed this program to fund the repower or replacement of Class 8 local freight trucks (EMA 1) and transit buses (EMA 2). This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date is August 2020).
- *Implementation*
  - CYs 2018-2019 – Funding percentages: PA DEP committed to reimburse the following percentages of eligible project costs:
    - 18.0 to 20.0 percent for the non-government owned vehicle replacement projects,
    - 64.4 to 74.9 percent for a non-government owned vehicle replacements with electric projects, and
    - 75.0 to 90.0 percent for government owned vehicle replacement projects.
  - CYs 2018-2019 – Total awarded grants: \$5,758,089.75 to eight EMA 1 projects (see EMA 2 for other projects). This has been updated to reflect the inclusion of one additional project this reporting period.
  - Anticipated cumulative grant award outcomes: 70 diesel-to-diesel Class 8 truck replacements; 7 diesel-to-electric Class 8 yard hostler trucks; 2 diesel-to-diesel bulk collection truck replacements; 5 diesel-to-CNG refuse truck replacements; and 5 diesel-to-diesel Class 8 service vehicle replacements, including one bulk fuel delivery truck with hybrid battery idle mitigation (89 total replacements).
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020.
  - Administrative expenditures to date: No administrative costs were expended through this reporting period. PA DEP has approximately \$18,000 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.
- Please note that significant revisions to this program are under development. These changes will be reflected in the next semi-annual report.

## Onroad Rebate Program – CY2018-2019

- *Development*
  - PA DEP developed this program to provide single vehicle rebates for Class 4-7 local freight trucks, school buses, shuttle buses, and port drayage trucks (EMAs 1, 2, and 6).
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date is August 2020).

- *Implementation*
  - CYs 2018-2019 – No rebates were issued to EMA 1 projects under this program.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No costs were expended under this EMA for this program through this reporting period.
  - Administrative expenditures to date: No administrative costs were expended, and PA DEP has no pending administrative costs linked to this EMA under this program through this reporting period.
- Please note that significant revisions to this program are under development. These changes will be reflected in the next semi-annual report.

**EMA 2: Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)**

PA DEP funds projects eligible under this EMA through two programs, the details for which are provided below:

- Class 8 Truck and Transit Bus Grant Program
- Onroad Rebate Program

Class 8 Truck and Transit Bus Grant Program – CYs 2018-2019

- *Development*
  - PA DEP developed this program to fund the repower or replacement of Class 8 local freight trucks (EMA 1) and transit buses (EMA 2). This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date August 2020).
- *Implementation*
  - CYs 2018-2019 – Funding percentages: PA DEP committed to reimburse up to 44.4 percent for a government owned vehicle replacement with electric project.
  - CYs 2018-2018 – Total awarded grants: \$1,104,000 to one (1) EMA 2 project (see EMA 1 for other projects).
  - Anticipated cumulative grant award outcomes: 2 diesel-to-electric transit bus replacements (2 total replacements).
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No costs were expended under this EMA for this program through this reporting period.
  - Administrative expenditures to date: No administrative costs were expended, and PA DEP has no pending administrative costs linked to this EMA under this program through this reporting period.
- Please note that significant revisions to this program are under development. These changes will be reflected in the next semi-annual report.

### Onroad Rebate Program – CYs 2018-2019

- *Development*
  - PA DEP developed this program to provide single vehicle rebates for Class 4-7 local freight trucks, school buses, shuttle buses, and port drayage trucks (EMAs 1, 2, and 6).
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date August 2020).
- *Implementation*
  - CYs 2018-2019 – Funding percentages: PA DEP committed to reimburse the following percentages of eligible project costs:
    - up to 20.0 percent for a non-government owned shuttle bus replacement, and
    - up to 50.0 percent for the replacements of school buses contracted with a public school.
  - CYs 2018-2019 – PA DEP issued 302 rebate vouchers for vehicle replacements. PA DEP approved 269 of the issued vouchers for reimbursement, 260 for EMA 2 projects and 9 for EMA 6 projects (See EMA 6 section).
  - Anticipated cumulative rebate award outcomes: 191 diesel-to-diesel school bus replacements; 45 biodiesel-to-biodiesel (B5) school bus replacements, 23 diesel-to-LPG (propane) ‘government-owned’ school bus replacements, and 1 diesel-to-diesel shuttle bus replacement. (260 total replacements).
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: The following are the submitted, approved, and/or pending project reimbursements requested by PA DEP in Funding Requests (FRs).
    - FR0001: \$364,455.00 requested and approved by Trustee on September 20, 2019.
    - FR0002: \$7,174,878.00 requested and approved by Trustee on February 25, 2020.
    - FR0003: \$2,960,000.00 pending submission to the Trustee (not approved by end of this reporting period). Payments expected during next reporting period.
  - Administrative expenditures to date: The following are the submitted, approved, and/or pending administrative expenditure reimbursements requested by PA DEP in Funding Requests (FRs) for this EMA.
    - FR0001: \$52,401.90 requested and approved by Trustee on September 20, 2019.
    - FR0002: \$269,664.83 requested and approved by Trustee on February 25, 2020.
    - FR0003: \$10,149.97 pending submission to the Trustee (not approved by end of this reporting period). Payments expected during the next reporting period.
- Please note that significant revisions to this program are under development. These changes will be reflected in the next semi-annual report.

### **EMA 3: Freight Switchers**

PA DEP funds projects eligible under this EMA through the Marine and Rail Freight Movers Grant Program. Details for the program are provided below.

### Marine and Rail Freight Movers Grant Program – CYs 2020-2021

- *Development*
  - PA DEP developed this program to fund the repower or replacement of eligible freight switchers (EMA 3) and the repower or upgrade of eligible marine engines (EMA 4). This

program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.

- *Actual or Projected Termination Date*
  - Application periods: This program was open for applications from January 31, 2020 through June 5, 2020.
  - Next available funding: PA DEP plans to reopen this program for an additional round of funding later in 2020.
- *Implementation*
  - Funding percentages: PA DEP offered up to 60 percent reimbursement for government-owned repowers or replacements (up to 80 percent for electric), and up to 40 percent reimbursement for non-government owned repowers or replacements (up to 75 percent for electric).
  - Total awarded grants: No grants were awarded during this reporting period.
  - Anticipated grant award outcomes: Unknown at this time.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020 or 2021.
  - Administrative expenditures to date: PA DEP has approximately \$4,300 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.

#### **EMA 4: Ferries/Tugs**

PA DEP funds projects eligible under this EMA through the Marine and Rail Freight Movers Grant Program. Details for the program are provided below.

#### **Marine and Rail Freight Movers Grant Program – CY2020-2021**

- *Development*
  - PA DEP developed this program to fund the repower or replacement of eligible freight switchers (EMA 3) and the repower or upgrade of eligible marine engines (EMA 4). This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: This program was open for applications from January 31, 2020 through June 5, 2020.
  - Next available funding: PA DEP plans to reopen this program for an additional round of funding later in 2020.
- *Implementation*
  - Funding percentages: PA DEP offered up to 60 percent reimbursement for government-owned repowers or replacements (up to 80 percent for electric), and up to 40 percent reimbursement for non-government owned repowers or replacements (up to 75 percent for electric).
  - Total awarded grants: No grants were awarded during this reporting period.
  - Anticipated grant award outcomes: Unknown at this time.

- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020 or 2021.
  - Administrative expenditures to date: PA DEP has approximately \$4,300 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.

**EMA 5: Ocean Going Vessels (OGV) Shorepower**

PA DEP funds projects eligible under this EMA through the Ocean-Going Vessel Shorepower Grant Program. Details for the program are provided below.

Ocean-Going Vessel Shorepower Grant Program – CYs 2019-2020

- *Development*
  - PA DEP developed this program to fund the installation of eligible marine shorepower systems at eligible port locations in Pennsylvania. This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application period: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer funding later in 2020.
- *Implementation*
  - Funding percentages: PA DEP offered up to 75 percent reimbursement for government applicants and up to 25 percent reimbursement for non-government applicants.
  - Total awarded grants: Zero applications were received in the first application period, so no grants were awarded.
  - Anticipated grant award outcomes: Unknown at this time, due to no awards being issued.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for this EMA because no projects have been approved for funding. PA DEP expects to request disbursement for projects under this EMA in 2020 or 2021.
  - Administrative expenditures to date: PA DEP has approximately \$3,700 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.

**EMA 6: Class 4-7 Local Freight Trucks (Medium Trucks)**

PA DEP funds projects eligible under this EMA through the Onroad Rebate Program. Details for the program are provided below.

### Onroad Rebate Program – CYs 2018-2019

- *Development*
  - PA DEP developed this program to provide single vehicle rebates for Class 4-7 local freight trucks, school buses, shuttle buses, and port drayage trucks (EMAs 1, 2, and 6).
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date August 2020).
- *Implementation*
  - Funding percentages: PA DEP committed to reimburse up to 22 percent of eligible project costs for non-government owned Class 4-7 truck replacements.
  - CYs 2018-2019 – PA DEP issued 302 rebate vouchers for vehicle replacements. PA DEP approved 269 of the issued vouchers for reimbursement, 260 for EMA 2 projects and 9 for EMA 6 projects (See EMA 2 section).
  - Anticipated cumulative rebate award outcomes: 9 diesel-to-diesel Class 4-7 truck replacements. (9 total replacements).
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: The following are the submitted, approved, and/or pending project reimbursements requested by PA DEP in Funding Requests (FRs).
    - FR0002: \$225,000.00 requested and approved by Trustee on February 25, 2020.
  - Administrative expenditures to date: PA DEP does not have any pending administrative costs linked to this EMA; any administrative costs generated in the future will be submitted with the next eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.
- Please note that significant revisions to this program are under development. These changes will be reflected in the next semi-annual report.

### **EMA 7: Airport Ground Support Equipment**

PA DEP funds projects eligible under this EMA through the Electric Cargo Handling Grant Program. Details for the program are provided below.

### Electric Cargo Handling Grant Program – CYs 2019-2020

- *Development*
  - PA DEP developed this program to fund the repower or replacement of diesel-powered forklifts (EMA 8), airport ground support equipment (GSE) (EMA 7), and port cargo handling equipment (EMA 8) with all-electric equipment. This program is a reimbursement grant program, meaning that project work must be completed before the grantee applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding later in 2020.
- *Implementation*
  - Funding percentages: PA DEP committed to reimburse up to 60 percent for a government owned GSE replacement with electric project, and up to 40 percent for a non-government owned GSE replacement with electric project.

- Total awarded grants: No grants were awarded during this reporting period but a recommendation for funding package was routed for approvals. Once final internal approval is received, PA DEP will award two grants (1 EMA 7 and 1 EMA 8).
- Anticipated grant award outcomes if recommendations are approved: 7 diesel-to-electric GSE (cargo loaders and equipment tugs) replacements.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020 or 2021.
  - Administrative expenditures to date: PA DEP has approximately \$6,350 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.

### **EMA 8: Forklifts and Port Cargo Handling Equipment**

PA DEP funds projects eligible under this EMA through the Electric Cargo Handling Grant Program. Details for the program are provided below.

#### Electric Cargo Handling Grant Program – CYs 2019-2020

- *Development*
  - PA DEP developed this program to fund the repower or replacement of diesel-powered forklifts (EMA 8), airport ground support equipment (GSE) (EMA 7), and port cargo handling equipment (EMA 8) with all-electric equipment. This program is a reimbursement grant program, meaning that project work must be completed before the grantee applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding later in 2020.
- *Implementation*
  - Funding percentages: PA DEP committed to reimburse up to 60 percent for a government owned forklift or port cargo handling equipment replacement with electric project, and up to 40 percent for a non-government owned forklift or port cargo handling equipment replacement with electric project.
  - Total awarded grants: No grants were awarded during this reporting period but a recommendation for funding package was routed for approvals. Once final internal approval is received, PA DEP will award two grants (1 EMA 7 and 1 EMA 8).
  - Anticipated grant award outcomes if recommendations are approved: 2 diesel-to-electric GSE (terminal tractors) replacements.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020 or 2021.



- Administrative expenditures to date: PA DEP has approximately \$6,350 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA.

### **EMA 9: Light-Duty Zero Emission Vehicle Supply Equipment**

PA DEP funds projects eligible under this EMA through two programs, the details for which are provided below:

- DC Fast Charging and Hydrogen Fueling Grant Program
- Level 2 Electric Vehicle (EV) Charging Rebate Program

#### DC Fast Charging and Hydrogen Fueling Grant Program – CYs 2018-2019, CY 2020

- *Development*
  - PA DEP developed this program to fund the purchase and installation of DC fast (Level 3) electric vehicle chargers or hydrogen refueling infrastructure. This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - Application periods: No application periods were open during this reporting period.
  - Next available funding: PA DEP is reopening this program and offering additional funding on July 2, 2020. Application period will remain open through February 26, 2021.
- *Implementation*
  - CYs 2018-2019 – Funding percentages: PA DEP committed to reimburse up the following percentages of eligible project costs
    - 69.3 to 75.0 percent of eligible costs for the purchase and installation of DC fast electric vehicle charging infrastructure.
  - CYs 2018-2019 – Total awarded grants: \$2,729,643.00 to 11 EMA 9 projects.
  - Anticipated cumulative grant award outcomes: Installation of 26 DC fast chargers. Additionally, six Level 2 EV charging plugs will be installed in conjunction with these projects but are not funded by this program.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: No disbursement requests have been submitted to the Trustee and no funds have been disbursed from the Trust Fund for these projects because none have been completed. PA DEP expects to request disbursement for these projects in 2020.
  - Administrative expenditures to date: PA DEP has approximately \$51,700 in pending administrative costs linked to this EMA, that will be submitted with the first eligible funding request to the Trustee. PA DEP has not previously submitted any reimbursement requests for administrative costs for this EMA under this program.

#### Level 2 Electric Vehicle (EV) Charging Rebate Program – CYs 2018-2019, CY 2020 (Version 2)

- *Development*
  - PA DEP developed this program to provide rebates for the installation of Level 2 electric vehicle (EV) chargers in specific location types.

- *Actual or Projected Termination Date*
  - CY 2020 Application period: Open continuously from December 2, 2019 until program awards rebate vouchers for at least 750 new Level 2 EV charging plugs.
  - Next available funding: late 2020 or early 2021, to be determined by number of plugs installed.
- *Implementation*
  - CYs 2018-2019 (Round 1) – Funding percentages: PA DEP committed to reimburse the following percentages of eligible project costs:
    - 60 to 100 percent of eligible project costs, depending on the public accessibility of the project and whether the site is networked.
  - CY 2020 (Round 2) – Funding percentages: PA DEP committed to reimburse the following percentages of eligible project costs:
    - 50 to 90 percent of eligible project costs, depending on the public accessibility of the project and whether the site is networked.
  - CYs 2018-2019 – PA DEP issued 238 rebate vouchers (excludes vouchers that were withdrawn or denied) from October 2018 through December 1, 2019 for \$3,289,001.00 for installation of Level 2 EV chargers. PA DEP has approved 189 of the issued vouchers for reimbursements totaling \$2,549,089.00 for EMA 9 projects.
  - CY 2020 – PA DEP issued 101 vouchers (excludes vouchers that were withdrawn or denied) December 2, 2019 through June 30, 2020 for \$1,232,261.00 for installation of Level 2 EV chargers. Vouchers are still being issued for this CY of the program. PA DEP has approved 15 of the issued vouchers for reimbursements totaling \$203,500.00 for EMA 9 projects.
  - Anticipated cumulative rebate award outcomes: Installations of 692 new Level 2 EV charging plugs across Pennsylvania are complete. In total, installation of 1,120 plugs is anticipated from currently active vouchers including those already approved for reimbursement.
- *Summary of Costs Expended During Reporting Period*
  - Project disbursements to date: The following are the submitted, approved, and/or pending project reimbursements requested by PA DEP in Funding Requests (FRs).
    - FR0001: \$226,913.00 requested and approved by Trustee on September 20, 2019.
    - FR0002: \$872,899.00 requested and approved by Trustee on February 25, 2020.
    - FR0003: \$1,147,755.60 pending submission to the Trustee (not approved by end of this reporting period). Payments expected during next reporting period.
  - Administrative expenditures to date: The following are the submitted, approved, and/or pending administrative expenditure reimbursements requested by PA DEP in Funding Requests (FRs) for this EMA.
    - FR0001: \$34,036.95 requested and approved by Trustee on September 20, 2019.
    - FR0002: \$63,023.45 requested and approved by Trustee on February 25, 2020.
    - FR0003: \$39,748.34 pending submission to the Trustee (not approved by end of this reporting period). Payments expected during the next reporting period.

### **EMA 10: Diesel Emission Reduction Act (DERA) Option**

Under this EMA, PA DEP is authorized to use Trust Fund monies as its voluntary match funds under the EPA's State Clean Diesel Grant Program. PA DEP participated in the EPA's State

Clean Diesel Grant Program prior to the establishment of the Trust Fund, and has continued to do so with the addition of the match funds from the Trust Fund.

Pennsylvania State Clean Diesel Grant Program – Fiscal Years (FYs) 2017-2018, FYs 2019-2020

- *Development*
  - PA DEP modified its existing program to fund a variety of diesel emission reduction projects authorized by the Diesel Emission Reduction Act<sup>2</sup>. This program is a reimbursement grant program, meaning that project work must be completed before the grant recipient applies for reimbursement from PA DEP.
- *Actual or Projected Termination Date*
  - FYs 2017-2018 Application periods: No additional application periods open during this reporting period.
  - FYs 2019-2020 Application periods: January 31, 2020 to March 6, 2020.
  - Next available funding: PA DEP plans to reopen this program and offer additional funding in 2020 (anticipated opening date October 2020).
- *Implementation*
  - FYs 2017-2018 Funding percentages: PA DEP committed to reimburse the following percentages of eligible project costs:
    - 14 to 25 percent of eligible project costs for vehicle and equipment replacement projects, and
    - up to 40 percent for a locomotive idle reduction project.
  - FYs 2019-2020 funding percentages will be determined in next reporting period.
  - FYs 2017-2018 Total awarded grants: \$3,259,683 to 13 EMA 10 projects (\$2,427,439.60 from Trust Funds, \$832,243.40 from EPA funds).
  - FY 2019 awards will be announced in next reporting period. FY 2020 awards will likely be announced in late 2020 or early 2021.
  - Anticipated grant award outcomes: 39 diesel-to-diesel school bus replacements; 17 diesel-to-CNG refuse truck replacements; 12 diesel-to-diesel refuse truck replacements; 2 diesel-to-diesel trash compactor vehicle replacements; 1 diesel-to-diesel bulldozer replacement; 2 diesel-to-diesel street sweeper replacements; 1 diesel-to-diesel crawler tractor replacement; and installation of idle reduction technology on 6 locomotives. (74 total replacements and 6 retrofits)
  - PA DEP’s latest PA State Clean Diesel Grant Quarterly Reports, which are submitted to the EPA to document DERA projects, are included as attachments to this report.
- *Summary of Cumulative Costs Expended Through Reporting Period*

<b>Available Funds</b>	<b>FY2017</b>	<b>FY2018</b>	<b>Combined</b>
<b>EPA Funds (base and bonus)</b>	\$413,218.00	\$419,025.00	\$832,243.00
<b>Trust Funds (voluntary match)</b>	\$275,479.00	\$2,154,310.00	\$2,429,789.00
<b>Total Available</b>	\$688,697.00	\$2,573,335.00	\$3,262,032.00

<sup>2</sup> “Diesel Emissions Reduction” program in the Energy Policy Act of 2005 (EPAAct 2005, P.L. 109-58, Title VII, Subtitle G §§791-797; 42 U.S.C. §§16131-16137)

Available Funds	FY2019	FY2020	Combined
EPA Funds (base and bonus)	\$500,532.00	N/A - award expected in September 2020	TBD
Trust Funds (voluntary match)	\$2,154,309.00	N/A - award expected in September 2020	TBD
<b>Total Available</b>	<b>\$2,654,841.00</b>	<b>N/A - award expected in September 2020</b>	<b>TBD</b>

- Project disbursements to date: The following are the submitted, approved, and/or pending project reimbursements requested by PA DEP in Funding Requests (FRs).
  - FR0001: \$116,401.40 requested and approved by Trustee on September 20, 2019. These project payments were matched by \$174,602.10 in EPA funds.
  - FR0003: \$2,678,931.50 pending submission to the Trustee (not approved by end of this reporting period). These project payments are matched by \$605,721.82 in EPA funds. Payments expected during next reporting period.
- Administrative expenditures to date: The following are the submitted, approved, and/or pending administrative expenditure reimbursements requested by PA DEP in Funding Requests (FRs) for this EMA.
  - FR0001: \$17,460.21 requested and approved by Trustee on September 20, 2019.
  - FR0003: \$16,831.21 pending submission to the Trustee (not approved by end of this reporting period). Payments expected during the next reporting period.
  - PA DEP has an additional approximately \$6,000 in pending administrative costs that will be submitted with the next eligible funding request that includes EMA 10 projects.

**Additional Administrative Costs:** In addition to the administrative costs noted by EMA above, PA DEP has approximately \$31,000 in pending general administrative costs that will be included in various EMA submission where there is room under the 15 percent cap.

I, as an authorized representative of the Pennsylvania Department of Environmental Protection and the Commonwealth of Pennsylvania, attest that the information submitted in this report is true and correct, under penalty of perjury.



\_\_\_\_\_  
 Patrick McDonnell, Secretary  
 Pennsylvania Department of Environmental Protection

July 30, 2020

\_\_\_\_\_  
 Date

Attachments