

# VOLKSWAGEN DIESEL SETTLEMENT ENVIRONMENTAL MITIGATION TRUST SEMIANNUAL REPORT TO THE TRUSTEE

**Beneficiary:** State of Tennessee

**Reporting Period:** January 1, 2022-June 30, 2022

## SUMMARY OF COSTS EXPENDED ON ELIGIBLE MITIGATION ACTION CATEGORIES THROUGH JUNE 30, 2022

The following figures detail the allocation of funds by Eligible Mitigation Action category, as outlined within the State's Beneficiary Mitigation Plan (updated July 2022):<sup>1</sup>

- **Class 4-8 School Buses, Shuttle Buses, and Transit Buses:** 60% of the initial allocation or \$27,455,948.64 (\$24,854,685.42 in eligible project funds [\$16,000,000 for Transit and Shuttle Buses and \$8,854,685.42 for School Buses], \$2,601,263.22 in eligible administration costs)
- **Class 4-7 Local Freight Trucks:** ~11% of the initial allocation or \$5,030,341.77 (\$4,527,307.60 in eligible project funds, \$503,034.17 in eligible administration costs)
- **Class 8 Local Freight Trucks and Port Drayage Trucks:** ~14% of the initial allocation or \$6,409,636.83 (\$5,952,037.69 in project funds, \$457,599.14 in eligible administration costs)
- **Light Duty Zero Emission Vehicle Supply Equipment:** 15% of the initial allocation or \$6,863,987.16 (\$6,177,588.45 in eligible project funds, \$686,398.71 in eligible administration costs)
- **Total:** \$45,759,914.40

The following figures represent costs expended by the Beneficiary through June 30, 2022:

- **Class 4-8 School Buses:** \$7,809,791.17 (\$98,989.23 in eligible administration costs, \$7,710,801.94 in Grantee reimbursements)
- **Class 4-8 Transit Buses:** \$1,652,554.74 (\$32,048.49 in eligible administration costs, \$1,620,506.25 in Grantee reimbursements)
- **Class 4-7 Local Freight Trucks:** \$211,551.28 (\$24,262.78 in eligible administration costs, \$187,288.50 in Grantee reimbursements)
- **Class 8 Local Freight Trucks and Port Drayage Trucks:** \$1,183,479.54 (\$29,149.53 in eligible administration costs, \$1,154,330.01 in Grantee reimbursements)
- **Light Duty Zero Emission Vehicle Supply Equipment:** \$38,536.39 (eligible administration costs)
- **Total:** \$10,895,913.12

## SUMMARY OF PROGRESS IMPLEMENTING EACH ELIGIBLE MITIGATION ACTION FOR THE PERIOD OF JANUARY 1-JUNE 30, 2022

### A. Class 4-8 School Buses

On October 4, 2018, the Tennessee Department of Environment and Conservation (TDEC) released its first solicitation for projects under the Volkswagen Diesel Settlement Environmental Mitigation Trust (VW Settlement EMT). Under this solicitation, \$8,710,353.78 in EMT funding was made available for eligible Class 4-8 School Bus projects. The School Bus Replacement Grant Program, managed by

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<sup>1</sup> State of Tennessee's Beneficiary Mitigation Plan.

[https://www.tn.gov/content/dam/tn/environment/energy/documents/TDEC\\_VW\\_EMT\\_BMP\\_Updated\\_7.19.22.pdf](https://www.tn.gov/content/dam/tn/environment/energy/documents/TDEC_VW_EMT_BMP_Updated_7.19.22.pdf)

TDEC's Office of Energy Programs (OEP), provides financial assistance to public, nonprofit and private fleets in Tennessee that apply to receive funding to replace a minimum of one eligible School Bus with any new diesel, Alternate Fueled or All-Electric School Bus. School Buses eligible for replacement include 2009 engine model year or older Class 4-8 School Buses sold or introduced into interstate commerce for purposes that include carrying students to and from school or related events. Applications were due by December 14, 2018.

On October 16, 2018, TDEC hosted an application workshop at the Wilson County Schools Administrative and Training Complex in Lebanon. Representatives of school districts, school bus contractors, and other interested persons were encouraged to attend to learn about the application process and program terms and conditions, including project eligibility, timelines for implementation, and reporting requirements. This workshop was recorded and posted to the TDEC VW Settlement website for applicant reference.

Once the application period was opened to the public, TDEC OEP began work to secure Delegated Grant Authority (DGA) for the School Bus Replacement Grant Program. The DGA is provided by TDEC Contracts to a TDEC office or division such that said office or division assumes some of the responsibilities associated with Grant Contract approval and execution, thereby streamlining the Grant Contracting process. To secure the DGA, TDEC OEP submitted a DGA request along with Grant Contract templates for both governmental entities and non-governmental entities (e.g., nonprofits, individuals, businesses, etc.). TDEC OEP received approval for the DGA and associated Grant Contract templates on February 14, 2019. The DGA for this program will remain in effect from March 1, 2019 to March 1, 2024.

By the close of the application period, 58 applications were submitted, representing \$20,186,910.73 in funding requests for 336 School Bus replacements. TDEC conducted a comprehensive review of all applications received.

On May 22, 2019, TDEC announced that 39 Grantees would receive approximately \$8.8 million in EMT funding to support School Bus replacement projects across Tennessee; since that time, four of the Grantees have requested termination of their Grant Contracts (three due to inability to provide required cost share, one due to loss of alternative fuel station access). TDEC OEP continues to manage 35 Grant Contracts representing \$8,205,276.94 in grant funding to support the replacement of a total of 134 engine model year 2009 or older School Buses with 65 new diesel, one All-Electric, 65 propane, and three compressed natural gas School Buses. These projects are expected to yield NOx emissions reductions of an estimated 111,615 pounds, or 55.81 tons, over the lifetime of the new vehicles.

On November 15, 2019, shortly after Grant Contract execution for all selected Grantees, TDEC held a mandatory compliance webinar on the School Bus Replacement Grant Program. This webinar provided guidance on a variety of program requirements and compliance processes, including bid submission and procurement, replaced vehicle scrappage, Title VI training, invoice submission, reporting, onsite monitoring, and reimbursement. The webinar was recorded and uploaded online for Grantee reference.

TDEC leverages its online Grants Management System (GMS) to track and store Grant Contract information, milestones, and associated documentation. Within the GMS, there are a variety of activities or modules that Grantees must complete over the course of the grant period (e.g., procurement, reporting, scrappage, reimbursement, etc.) to demonstrate their adherence to the VW Settlement EMT and Grant Contract requirements. As of June 30:

- OEP has reviewed and approved procurement activities for all 35 Grantees.
- All 35 Grantees have submitted a total of 133 proof of scrappage activities, all of which have been reviewed and approved.

- All 35 Grantees have taken delivery of buses; all buses delivered have been monitored.
- OEP has conducted 48 monitoring visits of Grantees that have received buses; all 48 associated monitoring reports have been finalized and submitted to the Division of Internal Audit.
- A cumulative total of \$7,710,801.94 has been paid to School Bus Grantees.

The following Grantee summaries provide additional detail for each approved Eligible Mitigation Action under the Class 4-8 School Bus category:

**Bledsoe County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$324,825.00

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 11/5/2019

New Bus Delivery: Three buses (VIN: 4DRBUC8N5MB815606, 4DRBUC8N9MB815608, 4DRBUC8N2MB177752) were delivered on 2/20/2020, 5/12/2020, and 7/7/2020, respectively. Two buses (VIN: 4DRBUC8N7NB396823, 4DRBUC8N3NB819168) were delivered on 6/1/2021.

Scrappage: Scrappage of three buses (VIN: 1T88L4E2271276579, 1T88S4C2941137308, 1T88J4C2671284564) was completed on 1/27/2020, 7/6/2020, and 7/13/2020, respectively. Scrappage of two buses (VIN: 1T88N4E2451156418, 1T88N4E2651156419) was completed on 6/23/2021.

On-site Monitoring: One bus (VIN: 4DRBUC8N5MB815606) was monitored on 3/2/2020. Two buses (VIN: 4DRBUC8N9MB815608, 4DRBUC8N2MB177752) were monitored on 7/21/2020. Two buses (VIN: 4DRBUC8N7NB396823, 4DRBUC8N3NB819168) were monitored on 7/22/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88L4E2271276579 in the amount of \$63,900.00 was paid on 4/17/2020. A reimbursement request for the replacement of VIN: 1T88S4C2941137308 in the amount of \$63,900.00 was paid on 9/11/2020. A reimbursement request for the replacement of VIN: 1T88J4C2671284564 in the amount of \$69,750.00 was paid on 10/15/2020. A reimbursement request for the replacement of VIN: 1T88N4E2451156418 and 1T88N4E2651156419 in the amount of \$127,275.00 was paid on 9/1/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021. The Grantee has also submitted an annual report for FY 2020 and FY 2021 (Grantees are responsible for compiling and submitting annual reports on fuel usage and vehicle operations for a period of five years, to begin following vehicle procurement, delivery, and the placement of vehicles into service. These reports are due no later than 30 days after the close of the Grantee’s fiscal year).

Modifications/Notes: N/A

**Bradford Special School District**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/12/2022

Obligated Grant Funding: \$189,000.00

Project Scope: The Grantee shall replace four 2009 engine model year or older Class 4-8 School Buses with four new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 10/24/2019

New Bus Delivery: Four buses (VIN: 1BAKJCBA8MF372941, 1BAKJCBA3MF376511, 1BAKJCBA5NF380111, 1BAKJCHA4NF384366) were delivered on 2/13/2020, 6/11/2020, 12/4/2020, and 8/3/2021, respectively.

Scrappage: Scrappage of four buses (VIN: 1HVBGAN01A932256, 1BAKGCKAX7F241108, 1BAKFCKA37F240255, 1BAKFCKA17F41109) was completed on 2/12/2020, 7/11/2020, 12/28/2020, and 8/25/2021, respectively.

On-site Monitoring: One bus (VIN: 1BAKJCBA8MF372941) was monitored on 4/1/2020. One bus (VIN: 1BAKJCBA3MF376511) was monitored on 7/28/2020. One bus (VIN: 1BAKJCBA5NF380111) was monitored on 1/6/2021. One bus (VIN: 1BAKJCHA4NF384366) was monitored on 8/30/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1HVBGAN01A932256 in the amount of \$43,305.50 was paid on 6/8/2020. A reimbursement request for the replacement of VIN: 1BAKGCKAX7F241108 in the amount of \$43,305.50 was paid on 9/16/2020. A reimbursement request for the replacement of VIN: 1BAKFCKA37F240255 in the amount of \$44,993.00 was paid on 3/9/2021. A reimbursement request for the replacement of VIN: 1BAKFCKA17F41109 in the amount of \$46,684.50 was paid on 10/4/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/9/2021.

### **Campbell County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$42,000

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Buses with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 4/27/2020

New Bus Delivery: One bus (VIN: 4DRBUC8N1MB866360) was delivered on 8/6/2020.

Scrappage: Scrappage of one bus (VIN: 1BAKFCKA28F249353) was completed on 10/5/2020.

On-site Monitoring: One bus (VIN: 4DRBUC8N1MB866360) was monitored on 10/26/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BAKFCKA28F249353 in the amount of \$42,000 was paid on 11/24/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020. The Grantee has also submitted an annual report for FY 2021.

Modifications/Notes: N/A

### **Carroll County Department of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$275,700.00

Project Scope: The Grantee shall replace six 2009 engine model year or older Class 4-8 School Buses with six new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 3/5/2020, 9/30/2020

New Bus Delivery: Two buses (VIN: 4UZABRFC4MCMM2915, 4UZABRFC2MCMM2914) were delivered on 8/26/2020. Four buses (VIN: 4UZABRFC0NCMV3489, 4UZABRFC7NCMV3490, 4UZABRFC9NCMV3491, 4UZABRFC9NCMV3488) were delivered on 2/26/2021.

Scrappage: Scrappage of two buses (VIN: 4DRBUAAN56A225851, 4DRBUAAN36A225850) was completed on 10/1/2020. Scrappage of four buses (VIN: 4DRBVAAN06A225849, 4DRBUAAN47A409745, 4DRBVAAN69A090929, 4DRBVAAN49A090931) was completed on 4/12/2021.

On-site Monitoring: Two buses (VIN: 4UZABRFC4MCMM2915, 4UZABRFC2MCMM2914) were monitored on 10/5/2020. Four buses (VIN: 4UZABRFC0NCMV3489, 4UZABRFC7NCMV3490, 4UZABRFC9NCMV3491, 4UZABRFC9NCMV3488) were monitored on 4/27/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4DRBUAAN56A225851 and 4DRBUAAN36A225850 in the amount of \$97,800.00 was paid on 11/25/2020. A reimbursement request for the replacement of VIN: 4DRBVAAN06A225849, 4DRBUAAN47A409745, 4DRBVAAN69A090929, and 4DRBVAAN49A090931 in the amount of \$177,900.00 was paid on 5/27/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021. The Grantee has also submitted an annual report for FY 2021.

Modifications/Notes: N/A

### **Clarksville-Montgomery County School System**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$625,000.00

Project Scope: The Grantee shall replace ten 2009 engine model year or older Class 4-8 School Buses with ten new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 12/11/2020, 4/19/2021.

New Bus Delivery: Five buses (VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, 1BAKJCBAXMF373929) were delivered on 6/16/2020. Five buses (VIN: 1BAKJCHA2NF384348, 1BAKJCHA4NF384349, 1BAKJCHA0NF384350, 1BAKJCHA2NF384351, 1BAKJCHA2NF384351) were delivered on 7/26/2021.

Scrappage: Scrappage of five buses (VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, 1BAKJCBAXMF373929) was completed on 8/17/2020. Scrappage of five buses (VIN: 1BABNCXA14F214132, 1BABNCXA34F214133, 1BABNCXA24F214138, 1BABNCXA04F214140, 1BABKCPA91F201942) was completed on 9/8/2021.

On-site Monitoring: Five buses (VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, 1BAKJCBAXMF373929) were monitored on 7/8/2020. Five buses (VIN: 1BAKJCHA2NF384348, 1BAKJCHA4NF384349, 1BAKJCHA0NF384350, 1BAKJCHA2NF384351, 1BAKJCHA2NF384351) were monitored on 8/11/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, and 1BAKJCBAXMF373929 in the amount of \$324,791.25 was paid on 8/28/2020. A reimbursement request for the replacement of VIN: 1BABNCXA14F214132, 1BABNCXA34F214133, 1BABNCXA24F214138, 1BABNCXA04F214140, and 1BABKCPA91F201942 in the amount of \$300,208.75 was paid on 1/7/2022.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Clay County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$220,500.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 School Buses with three new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 11/6/2019, 3/25/2020.

New Bus Delivery: Three buses (VIN: 1T88X9D24K1138019, 1BABLCSA0NF378373, 1BABLCSA5NF382774) were delivered on 12/3/2019, 9/4/2020, AND 4/22/2021, respectively.

Scrappage: Scrappage of three buses (VIN: 1T88R3E2X71282770, 1T88R3E2761270445, 1T88S4E2381297672) was completed on 1/17/2020, 10/28/2020, and 5/28/2021, respectively.

On-site Monitoring: One bus (VIN: 1T88X9D24K1138019) was monitored on 2/25/2020. One bus (VIN: 1BABLCSA0NF378373) was monitored on 10/19/2020. One bus (VIN: 1BABLCSA5NF382774) was monitored on 5/21/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R3E2X71282770 in the amount of \$68,445.75 was paid on 5/18/2020. A reimbursement request for the replacement of VIN: 1T88R3E2761270445 in the amount of \$74,825.25 was paid on 1/8/2021. A reimbursement request for the replacement of VIN: 1T88S4E2381297672 in the amount of \$74,825.25 was paid on 6/30/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Fentress County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$146,916.00

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 2/25/2020.

New Bus Delivery: Two buses (VIN: 4DRBUC8N8MB537834, 4DRBUC8N6MB537833) were delivered on 4/14/2020.

Scrappage: Scrappage of two buses (VIN: 1BABKCPA27F244608, 1BABHCPAX7F244628) was completed on 5/13/2020.

On-site Monitoring: Two buses (VIN: 4DRBUC8N8MB537834, 4DRBUC8N6MB537833) were monitored on 5/8/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABKCPA27F244608 and 1BABHCPAX7F244628 in the amount of \$127,800.00 was paid on 6/11/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Greene County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$273,195.72

Project Scope: The Grantee shall replace six 2009 engine model year or older Class 4-8 School Buses with six new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 12/16/2019.

New Bus Delivery: Six buses (VIN: 1BAKJCBA3MF374208, 1BAKJCBA6MF374204, 1BAKJCBA8MF374205, 1BAKJCBA4MF374203, 1BAKJCBA1MF374207, 1BAKJCBA8MF374206) were delivered on 4/22/2020.

Scrappage: Scrappage of six buses (VIN: 1T88R32961268843, 1T88R3E2771283438, 1T88R3E2861268848, 1T88R3E2X71283434, 1T88R3D2751152086, 1T88R3E2271283430) was completed on 5/27/2020.

On-site Monitoring: Six buses (VIN: 1BAKJCBA3MF374208, 1BAKJCBA6MF374204, 1BAKJCBA8MF374205, 1BAKJCBA4MF374203, 1BAKJCBA1MF374207, 1BAKJCBAAXMF374206) were monitored on 5/8/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R32961268843, 1T88R3E2771283438, 1T88R3E2861268848, 1T88R3E2X71283434, 1T88R3D2751152086, and 1T88R3E2271283430 in the amount of \$259,833.00 was paid on 7/14/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Grundy County Department of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$539,600.25

Project Scope: The Grantee shall replace seven 2009 engine model year or older Class 4-8 School Buses with seven new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 11/1/2020, 8/19/2020.

New Bus Delivery: Four buses (VIN: 1BAKJCBA0MF373002, 1BAKJCBA9MF373001, 1BAKJCBA2MF373003, 1BAKJCBA7MF373000) were delivered on 2/27/2020, 2/27/2020, 5/12/2020, and 5/12/2020, respectively. Three buses (VIN: 1BAKJCBA4NF380665, 1BAKJCBA6NF380666, 1BAKGCBA7NF380531) were delivered on 12/23/2020.

Scrappage: Scrappage of four buses (VIN: 1HVBBAAN21H305256, 1HVBBAAN9YH305572, 4DRBUAFN17A456711, 4DRBUAFN37A456712) was completed on 3/3/2020, 4/19/2020, 6/11/2020, and 6/18/2020, respectively. Scrappage of two buses (VIN: 4DRBUAAN25A985105, 4DRBRAAN94B962995) was completed on 11/19/2020. Scrappage of one bus (VIN: 4UZABRDT49CAH0047) was completed on 1/28/2021.

On-site Monitoring: Four buses (VIN: 1BAKJCBA0MF373002, 1BAKJCBA9MF373001, 1BAKJCBA2MF373003, 1BAKJCBA7MF373000) were monitored on 5/26/2020. Three buses (VIN: 1BAKJCBA4NF380665, 1BAKJCBA6NF380666, 1BAKGCBA7NF380531) were monitored on 1/22/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1HVBBAAN21H305256 and 1HVBBAAN9YH305572 in the amount of \$139,471.50 was paid on 6/18/2020. A reimbursement request for the replacement of VIN: 4DRBUAFN17A456711 and 4DRBUAFN37A456712 in the amount of \$139,471.50 was paid on 7/14/2020. A reimbursement request for the replacement of VIN: 4DRBUAAN25A985105, 4DRBRAAN94B962995, and 4UZABRDT49CAH0047 in the amount of \$230,457.00 was paid on 3/15/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Hancock County School System**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$238,440.50

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 School Buses with three new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 11/1/2019.

New Bus Delivery: Three buses (VIN: 1BAKGCBA5MF372961, 1BAKGCBA3MF372960, 1BAKBCBA9MF372962) were delivered on 3/31/2020.

Scrappage: Scrappage of three buses (VIN: 4UZ6CFAA6YCB78791, 4UZ6CJAAXXCB74695, 4UZAAXCS54CM88370) was completed on 5/18/2020.

On-site Monitoring: Three buses (VIN: 1BAKGCBA5MF372961, 1BAKGCBA3MF372960, 1BAKBCBA9MF372962) were monitored on 6/1/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4UZ6CFAA6YCB78791, 4UZ6CJAAXXCB74695, and 4UZAAXCS54CM88370 in the amount of \$194,373.00 was paid on 6/30/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Hardeman County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$318,720.75

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 10/29/2019.

New Bus Delivery: Five buses (VIN: 4UZABRFCXLCMC9774, 4UZABRFC1LCMC9775, 4UZABRFC3LCMC9776, 4UZABRFC5LCMC9777, 4UZABRFC7LCMC9778) were delivered on 12/17/2019.

Scrappage: Scrappage of five buses (VIN: 1T88R4C2171281368, 1T88R4C2171281369, 1T88R4C2X71281370, 1T88R3C2451148871, 1T88R3C2151148875) was completed on 2/14/2020.

On-site Monitoring: Five buses (VIN: 4UZABRFCXLCMC9774, 4UZABRFC1LCMC9775, 4UZABRFC3LCMC9776, 4UZABRFC5LCMC9777, 4UZABRFC7LCMC9778) were monitored on 3/24/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R4C2171281368, 1T88R4C2171281369, 1T88R4C2X71281370, 1T88R3C2451148871, and 1T88R3C2151148875 in the amount of \$318,720.75 was paid on 5/27/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Henderson County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/12/2022

Obligated Grant Funding: \$42,000

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Bus with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 3/17/2021

New Bus Delivery: One bus (VIN: 4DRBUC8N9NB595261) was delivered on 8/27/2021.

Scrappage: Scrappage of one bus (VIN: 4DRBUAAN85B996348) was completed on 10/13/2021.

On-site Monitoring: One bus (VIN: 4DRBUC8N9NB595261) was monitored on 9/8/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4DRBUAAN85B996348 in the amount of \$42,000.00 was paid on 1/5/2022.



Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021.  
Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/23/2021.

### **Hickman County School System**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/12/2022

Obligated Grant Funding: \$604,500.00

Project Scope: The Grantee shall replace thirteen 2009 engine model year or older Class 4-8 School Buses with thirteen new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 4/15/2020.

New Bus Delivery: Six buses (VIN: 1BAKGCBA0NF379138, 1BAKGCBA9NF379137, 1BAKGCBA7NF379136, 1BAKGCBA5NF379135, 1BAKGCBA3NF379134, 1BAKGCBA1NF379133) were delivered on 1/4/2021. Six buses (VIN: 1BAKGCHA5NF385511, 1BAKGCHA7NF385512, 1BAKGCHA9NF385513, 1BAKGCHA2NF385515, 1BAKGCHA4NF385516) were delivered on 10/4/2021.

Scrappage: Scrappage of six buses (VIN: 4DRBGAAN24A961733, 1T88R4C2161168373, 4UZAAX0C87CX24859, 4DRBUSKN19B049173, 4DRBRAAN94B961734, 4DRBGAAN04A961732) was completed on 3/5/2021. Scrappage of six buses (VIN: 1T88R4C2561168375, 4DRBRAAN04B961735, 4DRBUSKN29A135050, 4DRBUAFNX8B530123, 4UZAAXDC47CX24860, 1T88R4C2X61668372) was completed on 11/30/2021.

On-site Monitoring: Six buses (VIN: 1BAKGCBA0NF379138, 1BAKGCBA9NF379137, 1BAKGCBA7NF379136, 1BAKGCBA5NF379135, 1BAKGCBA3NF379134, 1BAKGCBA1NF379133) were monitored on 2/9/2021. Six buses (VIN: 1BAKGCHA5NF385511, 1BAKGCHA7NF385512, 1BAKGCHA9NF385513, 1BAKGCHA2NF385515, 1BAKGCHA4NF385516) were monitored on 11/29/2021.

Reimbursement: A reimbursement request for the replacement of VIN 4DRBGAAN24A961733, 1T88R4C2161168373, 4UZAAX0C87CX24859, 4DRBUSKN19B049173, 4DRBRAAN94B961734, and 4DRBGAAN04A961732 in the amount of \$286,086.00 was paid on 5/26/2021. A reimbursement request for the replacement of VIN 1T88R4C2561168375, 4DRBRAAN04B961735, 4DRBUSKN29A135050, 4DRBUAFNX8B530123, 4UZAAXDC47CX24860, and 1T88R4C2X61668372 in the amount of \$271,914.00 was paid on 6/7/2022.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021. The Grantee has also submitted an annual report for FY 2021.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/23/2021.

### **Humphreys County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$45,000.00

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Buses with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 12/4/2019.

New Bus Delivery: One bus (VIN: 1T88X9D24L1166050) was delivered on 11/12/2019.

Scrappage: Scrappage of one bus (VIN: 1T88R3C2151151825) was completed on 1/9/2020.

On-site Monitoring: One bus (VIN: 1T88X9D24L1166050) was monitored on 2/13/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R3C2151151825 in the amount of \$45,000.00 was paid on 5/8/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

**Jackson County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$63,000.00

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Buses with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 12/9/2019.

New Bus Delivery: One bus (VIN: 1BABLCSA3MF374431) was delivered on 4/30/2020.

Scrappage: Scrappage of one bus (VIN: 4DRAPSKK38A641882) was completed on 5/22/2020.

On-site Monitoring: One bus (VIN: 1BABLCSA3MF374431) was monitored on 6/8/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4DRAPSKK38A641882 in the amount of \$63,000 was paid on 7/27/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

**JLL Transport, LLC**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$96,166.16

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Buses with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 10/21/2019.

New Bus Delivery: One bus (VIN: 1BABNB6A8MF373533) was delivered on 5/26/2020.

Scrappage: Scrappage of one bus (VIN: 1BABNCKA15F224006) was completed on 5/12/2020.

On-site Monitoring: One bus (VIN: 1BABNB6A8MF373533) was monitored on 6/8/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABNCKA15F224006 in the amount of \$93,038.76 was paid on 7/14/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

**Johnson City, City of**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$234,375.00

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 7/10/2020.

New Bus Delivery: Five buses (VIN: 1BABLCSA3MF377622, 1BABLCSA5MF377623, 1BABLCSA7MF377624, 1BABLCSA9MF377625, 1BABLCSA0MF377626) were delivered on 7/30/2020.

Scrappage: Scrappage of five buses (VIN: 1BABKCKA27F244602, 1BABKCKA47F244603, 1BABKCKA67F244604, 1BABKCKA87F244605, 1BABKCKA06F235881) was completed on 9/23/2020.

On-site Monitoring: Five buses (VIN: 1BABLCSA3MF377622, 1BABLCSA5MF377623, 1BABLCSA7MF377624, 1BABLCSA9MF377625, 1BABLCSA0MF377626) were monitored on 9/3/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABKCKA27F244602, 1BABKCKA47F244603, 1BABKCKA67F244604, 1BABKCKA87F244605, 1BABKCKA06F235881 in the amount of \$234,375.00 was paid on 11/24/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **KIPP East Nashville Preparatory (DBA KIPP Nashville)**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$188,325.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 School Buses with three new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 4/22/2020

New Bus Delivery: Three buses (VIN: 4DRBUC8N8MB067577, 4DRBUC8NXMB067578, 4DRBUC8N1MB067579) were delivered on 10/9/2020.

Scrappage: Scrappage of three buses (VIN: 1T8854C2271284526, 1T88R4E2881289319, 1T88S4C2081297650) was completed on 11/6/2020.

On-site Monitoring: Three buses (VIN: 4DRBUC8N8MB067577, 4DRBUC8NXMB067578, 4DRBUC8N1MB067579) were monitored on 10/20/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T8854C2271284526, 1T88R4E2881289319, and 1T88S4C2081297650 in the amount of \$188,325.00 was paid on 4/22/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Lynch Bus Lines, LLC**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$272,100.00

Project Scope: The Grantee shall replace four 2009 engine model year or older Class 4-8 School Buses with four new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 10/21/2019.

New Bus Delivery: Four buses (VIN: 4DRBUP1N6MB085528, 4DRBUP1N4MB085530, 4DRBUP1N6MB085531, 4DRBUP1N8MB085529) were delivered on 10/23/2019.

Scrappage: Scrappage of four buses (VIN: 1BABHCKA75F223983, 1BABHCKA35F224127, 1T88R4C2851155876, 4DRBUAAN96B235504) was completed on 12/11/2019.

On-site Monitoring: Four buses (VIN: 4DRBUP1N6MB085528, 4DRBUP1N4MB085530, 4DRBUP1N6MB085531, 4DRBUP1N8MB085529) were monitored on 3/3/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4DRBUP1N6MB085528, 4DRBUP1N4MB085530, 4DRBUP1N6MB085531, and 4DRBUP1N8MB085529 in the amount of \$272,100.00 was paid on 7/31/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: The Grantee mistakenly Scrapped one of the 2009 engine model year or older Class 4-8 School Buses to be replaced prior to the Grant Contract Begin Date and did not acquire adequate Proof of Scrappage documentation. The Grant Contract was amended in order to substitute the replacement of the prematurely Scrapped bus with an alternate bus of a similar annual mileage and engine model year; this Grant Contract amendment was approved and went into effect on 3/6/2020.

### **Metropolitan Nashville Public Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/22/2022

Obligated Grant Funding: \$332,092.50

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 12/11/2020

New Bus Delivery: Five buses (VIN: 4DRBUCBN3NB458976, 4DRBUC8N5NB458977, 4DRBUC8N7NB458978, 4DRBUC8N9NB458979, 4DRBUC8N5NB458980) were delivered on 10/8/2021.

Scrappage: Scrappage of five buses (VIN: 1T88T3C2951154814, 1T88H4E2391112097, 1T88H4E2991112086, 1T88H4E2591112084, 1T88T3C2951154828) was completed on 11/8/2021.

On-site Monitoring: Five buses (VIN: 4DRBUCBN3NB458976, 4DRBUC8N5NB458977, 4DRBUC8N7NB458978, 4DRBUC8N9NB458979, 4DRBUC8N5NB458980) were monitored on 10/25/2021.

Reimbursement: A reimbursement request for the replacement of VIN 1T88T3C2951154814, 1T88H4E2391112097, 1T88H4E2991112086, 1T88H4E2591112084, and 1T88T3C2951154828 in the amount of \$327,194.43 was paid on 6/7/2022.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021, Q4 2021.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/27/2021.

### **Morgan County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$139,350.00

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 11/18/2019.

New Bus Delivery: Two buses (VIN: 1T88X9D20M1173448, 1T88X9D22M1173449) were delivered on 6/3/2019.

Scrappage: Scrappage of two buses (VIN: 1BAKDCKA66F232428, 1BABHCKAX6F229942) was completed on 7/16/2020.

On-site Monitoring: Two buses (VIN: 1T88X9D20M1173448, 1T88X9D22M1173449) were monitored on 6/17/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88X9D20M1173448 and 1T88X9D22M1173449 in the amount of \$139,350.00 was paid on 8/26/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Obion County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$87,740.00

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 10/24/2019.

New Bus Delivery: Two buses (VIN: 4DRBUC8N9LB122648, 4DRBUC8N9LB122651) were delivered on 10/14/2019.

Scrappage: Scrappage of two buses (VIN: 4DRBVAAN05A976402, 4DRBVAAN05A976402) was completed on 11/1/2019.

On-site Monitoring: Two buses (VIN: 4DRBUC8N9LB122648, 4DRBUC8N9LB122651) were monitored on 3/9/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4DRBVAAN05A976402 and 4DRBVAAN05A976402 in the amount of \$84,740.00 was paid on 6/10/2020.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: N/A

### **Oneida Special School District**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$371,250.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 School Buses with three new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 4/22/2020.

New Bus Delivery: Three buses (VIN: 1BAKJCBA3NF379054, 1BAKCCBA6NF379043, 1BAKJCBA1NF379053) were delivered on 10/30/2020.

Scrappage: Scrappage of three buses (VIN: 1BABKCKA66F231611, 1BABNCKA38F252457, 1BABKCKA66F233083) was completed on 12/7/2020.

On-site Monitoring: Three buses (VIN: 1BAKJCBA3NF379054, 1BAKCCBA6NF379043, 1BAKJCBA1NF379053) were monitored on 11/13/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABKCKA66F231611, 1BABNCKA38F252457, and 1BABKCKA66F233083 in the amount of \$207,674.25 was paid on 3/23/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: The Grantee was initially awarded funding to purchase three compressed natural gas School Buses. The Grantee requested a scope change to the Grant Contract to fund purchases of propane School Buses instead; this Grant Contract amendment was approved and went into effect on 3/27/2020.

### **Overton County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/12/2022

**Obligated Grant Funding:** \$159,588.00

**Project Scope:** The Grantee shall replace four 2009 engine model year or older Class 4-8 School Buses with four new diesel School Buses.

**Approval of Grantee Procurement Process and Selected Vendor:** 3/2/2020, 4/21/2021.

**New Bus Delivery:** Two buses (VIN: 1BAKJCSA7MF377256, 1BAKJCSA9MF377257) were delivered on 8/14/2020. Two buses (VIN: 1BAKCCSA9PF387088, 1BAKCCSA2NF385793) were delivered on 1/24/2022.

**Scrappage:** Scrappage of two buses (VIN: 1BABKCPA63F213601, 1BAAHCPA64F212606) was completed on 8/21/2020 and 10/12/2020, respectively. Scrappage of two buses (VIN: 1T88N4E2451161005, 1BAKGCAPA08F250765) was completed on 11/15/2021.

**On-site Monitoring:** Two buses (VIN: 1BAKJCSA7MF377256, 1BAKJCSA9MF377257) were monitored on 10/19/2020. Two buses (VIN: 1BAKCCSA9PF387088, 1BAKCCSA2NF385793) were monitored on 3/21/2022. There were no findings noted.

**Reimbursement:** A reimbursement request for the replacement of VIN: 1BABKCPA63F213601, 1BAAHCPA64F212606 in the amount of \$86,974.00 was paid on 1/8/2021. A reimbursement request for the replacement of VIN: 1BABKCPA63F213601 and 1BAAHCPA64F212606 in the amount of \$72,614.00 was paid on 4/28/2022.

**Reporting:** The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021, Q4 2021.

**Modifications/Notes:** Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/27/2021.

### **Perry County Schools**

**Grant Contract Begin Date:** 10/15/2019

**Grant Contract End Date:** 10/14/2021

**Obligated Grant Funding:** \$582,375.00

**Project Scope:** The Grantee shall replace eight 2009 engine model year or older Class 4-8 School Buses with eight new propane School Buses.

**Approval of Grantee Procurement Process and Selected Vendor:** 10/21/2019.

**New Bus Delivery:** Eight buses (VIN: 1BAKCCBA2MF372959, 1BAKJCBA2MF372952, 1BAKJCBA4MF372953, 1BAKJCBA6MF372954, 1BAKJCBA8MF372955, 1BAKJCBA8MF372955, 1BAKJCBA1MF372957, 1BAKJCBA3MF372958) were delivered on 3/16/2020.

**Scrappage:** Scrappage of eight buses (VIN: 1BAKGCKA68F247487, 1BABKCKA37F244219, 1BABKCOAX4F217288, 1BABKCKA25F226209, 1BAKGCKA48F247488, 1BAKGCKA48F247486, 1BAKBCKA28F252927, 1BABNCKA56F233986) was completed on 7/6/2020.

**On-site Monitoring:** Eight buses (VIN: 1BAKCCBA2MF372959, 1BAKJCBA2MF372952, 1BAKJCBA4MF372953, 1BAKJCBA6MF372954, 1BAKJCBA8MF372955, 1BAKJCBA8MF372955, 1BAKJCBA1MF372957, 1BAKJCBA3MF372958) were monitored on 4/21/2020. There were no findings noted.

**Reimbursement:** A reimbursement request for the replacement of VIN: 1BAKCCBA2MF372959, 1BAKJCBA2MF372952, 1BAKJCBA4MF372953, 1BAKJCBA6MF372954, 1BAKJCBA8MF372955, 1BAKJCBA8MF372955, 1BAKJCBA1MF372957, and 1BAKJCBA3MF372958 in the amount of \$528,642.75 was paid on 8/27/2020.

**Reporting:** The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

**Modifications/Notes:** On 6/19/2020, the Grantee submitted a formal request to TDEC for an extension of the 60-day deadline to scrap the old vehicles to be replaced following delivery of the new vehicles to be funded. The Grantee cited COVID-19 related delays as the reason for the request. TDEC OEP granted the

60-day extension and notified the Grantee of the revised Scrappage deadline of 7/14/2020 (120 days following the 3/16/20 bus delivery date).

**Putnam County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$260,565.00

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 4/24/2020.

New Bus Delivery: Five buses (VIN: 4DRBWTAR8MB591206, 4DRBWTARXMB591207, 4DRBWTAR1MB591208, 4DRBWTAR3MB591209, 4DRBWTARXMB591210) were delivered on 11/17/2020.

Scrappage: Scrappage of five buses (VIN: 1T7YT4C2071283358, 1T7YT4C2961271417, 1T7YT4C2971283357, 1T7YT4C2061271418, 1T7YT4E2091109340) was completed on 1/14/2021.

On-site Monitoring: Five buses (VIN: 4DRBWTAR8MB591206, 4DRBWTARXMB591207, 4DRBWTAR1MB591208, 4DRBWTAR3MB591209, 4DRBWTARXMB591210) were monitored on 2/8/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T7YT4C2071283358, 1T7YT4C2961271417, 1T7YT4C2971283357, 1T7YT4C2061271418, and 1T7YT4E2091109340 in the amount of \$260,565.00 was paid on 4/14/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

**Roane County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$55,246.50

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Bus with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 2/28/2020.

New Bus Delivery: One bus (VIN: 1T7Y74E24M1175225) was delivered on 8/31/2020.

Scrappage: Scrappage of one bus (VIN: 1BABKBKA16F232109) was completed on 7/28/2020.

On-site Monitoring: One bus (VIN: 1T7Y74E24M1175225) was monitored on 9/22/2020. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABKBKA16F232109 in the amount of \$54,882.00 was paid on 3/23/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

**Robertson County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$249,438.80

Project Scope: The Grantee shall replace five 2009 engine model year or older Class 4-8 School Buses with five new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 12/10/2019.

New Bus Delivery: Five buses (VIN: 1T88Y9D25M1166766, 1T88Y9D27M1166767, 1T88Y9D29M1166768, 1T88Y9D27M1166770, 1T88Y9D20M1166769) were delivered on 1/10/2020.  
Scrappage: Scrappage of five buses (VIN: 1T88Y9D25M1166766, 1T88Y9D27M1166767, 1T88Y9D29M1166768, 1T88Y9D27M1166770, 1T88Y9D20M1166769) was completed on 3/4/2020.  
On-site Monitoring: Five buses (VIN: 1T88Y9D25M1166766, 1T88Y9D27M1166767, 1T88Y9D29M1166768, 1T88Y9D27M1166770, 1T88Y9D20M1166769) were monitored on 3/17/2020. There were no findings noted.  
Reimbursement: A reimbursement request for the replacement of VIN: 1T88Y9D25M1166766, 1T88Y9D27M1166767, 1T88Y9D29M1166768, 1T88Y9D27M1166770, and 1T88Y9D20M1166769 in the amount of \$231,902.50 was paid on 6/30/2020.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.  
Modifications/Notes: N/A

### **Sequatchie County Board of Education**

Grant Contract Begin Date: 10/15/2019  
Grant Contract End Date: 10/14/2021  
Obligated Grant Funding: \$94,420.50  
Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.  
Approval of Grantee Procurement Process and Selected Vendor: 12/30/2019.  
New Bus Delivery: Two buses (VIN: 1T88V9D23M1173465, 1T88Y9D22M1173898) were delivered on 6/1/2020.  
Scrappage: Scrappage of two buses (VIN: 1BABNCXA35F220614, 1T88K4E26A1128350) was completed on 6/15/2020.  
On-site Monitoring: Two buses (VIN: 1T88V9D23M1173465, 1T88Y9D22M1173898) were monitored on 6/17/2020. There were no findings noted.  
Reimbursement: A reimbursement request for the replacement of VIN: 1BABNCXA35F220614 and 1T88K4E26A1128350 in the amount of \$94,420.50 was paid on 7/14/2020.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also submitted an annual report for FY 2020 and FY 2021.  
Modifications/Notes: N/A

### **Sevier County Board of Education**

Grant Contract Begin Date: 10/15/2019  
Grant Contract End Date: 10/14/2021  
Obligated Grant Funding: \$313,125.00  
Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 School Buses with three new natural gas School Buses.  
Approval of Grantee Procurement Process and Selected Vendor: 12/19/2020  
New Bus Delivery: Three buses (VIN: 4UZABRF51MCMK5152, 4UZABRF53MCMK5153, 4UZABRF55MCMK5154) were delivered on 7/31/2020.  
Scrappage: Scrappage of three buses (VIN: 1BABKCKA78F252471, 1BAKFCKA19F260846, 1BAKFCKA49F260856) was completed on 9/9/2020.  
On-site Monitoring: Three buses (VIN: 4UZABRF51MCMK5152, 4UZABRF53MCMK5153, 4UZABRF55MCMK5154) were monitored on 11/9/2020. There were no findings noted.  
Reimbursement: A reimbursement request for the replacement of VIN: 1BABKCKA78F252471, 1BAKFCKA19F260846, 1BAKFCKA49F260856 in the amount of \$276,201.00 was paid on 3/23/2021.



Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Stewart County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$94,500.00

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 12/30/2020

New Bus Delivery: Two buses (VIN: 1T88X9D28M1176405, 1T88X9D2XM1176406) were delivered on 2/23/2021.

Scrappage: Scrappage of two buses (VIN: 1T88R3C2061271813, 1T88R4C2271286241) was completed on 4/15/2021 and 5/26/2021, respectively.

On-site Monitoring: Two buses (VIN: 1T88X9D28M1176405, 1T88X9D2XM1176406) were monitored on 4/27/2021. There was one finding noted regarding the Scrapped vehicles. See Modifications/Notes below for details.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R3C2061271813 and 1T88R4C2271286241 in the amount of \$92,040.00 was paid on 6/30/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: During the monitoring process and review of Proof of Scrappage submissions, it was discovered that the Grantee had mistakenly Scrapped an unapproved bus to be replaced in place of one that was approved. Both the approved and unapproved vehicles were Scrapped within the allowed 60-day window. As this error was not discovered until after the 60-day deadline had passed, on 5/25/2021 TDEC OEP determined that it would allow the Grantee to perform Scrappage on the second approved bus and be considered in Grant Contract compliance. The Grantee completed this Scrappage on 5/26/2021.

### **Van Buren County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$80,696.25

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Bus with one new diesel School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 1/28/2021

New Bus Delivery: One bus (VIN: 1T88X9D29N1181212) was delivered on 2/1/2021.

Scrappage: Scrappage of one bus (VIN: 1BABGCKA46F233343) was completed on 3/10/2021.

On-site Monitoring: One bus (VIN: 1T88X9D29N1181212) was monitored on 3/2/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1BABGCKA46F233343 in the amount of \$80,696.25 was paid on 6/15/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Warren County Schools**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$95,525.00

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 4-8 School Buses with two new diesel School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 10/7/2020

New Bus Delivery: Two buses (VIN: 1BABLCSA5NF382080, 1BABLCSA7NF382081) were delivered on 4/20/2021.

Scrappage: Scrappage of two buses (VIN: 1T88R3C2861271817, 1T88R3C2X61271818) was completed on 6/11/2021.

On-site Monitoring: Two buses (VIN: 1BABLCSA5NF382080, 1BABLCSA7NF382081) were monitored on 4/30/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R3C2861271817 and 1T88R3C2X61271818 in the amount of \$95,525.00 was paid on 6/30/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Washington County Department of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

Obligated Grant Funding: \$219,250.00

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-8 School Bus with one new all-electric School Bus.

Approval of Grantee Procurement Process and Selected Vendor: 2/25/2020 (bus); 7/13/2020 (electric vehicle supply equipment); 7/20/2020 (electric vehicle supply equipment monitoring equipment)

New Bus Delivery: One bus (VIN: 2A9CP2113NJ198584) was delivered on 4/30/2021.

Scrappage: Scrappage of one bus (VIN: 4UZAAXCSX7CX08560) was completed on 1/30/2021.

On-site Monitoring: One bus (VIN: 2A9CP2113NJ198584) was monitored on 5/12/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 4UZAAXCSX7CX08560 as well as the purchase of electric vehicle supply equipment in the amount of \$191,585.00 was paid on 6/30/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Weakley County Board of Education**

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 4/12/2022

Obligated Grant Funding: \$330,750.00

Project Scope: The Grantee shall replace seven 2009 engine model year or older Class 4-8 School Buses with seven new propane School Buses.

Approval of Grantee Procurement Process and Selected Vendor: 2/3/2020.

New Bus Delivery: Four buses (VIN: 1BAKJCBA1MF372943, 1BAKJCBA3MF372944, 1BAKJCBA7MF372946, 1BAKJCBA5MF372945) were delivered on 2/20/2020. Three buses (VIN: 1BAKJCHA3PF388332, 1BAKJCHA1PF388331, 1BAKJCHA3PF388329) were delivered on 3/1/2022.

Scrappage: Scrappage of four buses (VIN: 1T88R3D2941143937, 1T88R3D2941143940, 1T88R3D2041143941, 1T88R3B2321113974) was completed on 4/9/2020. Scrappage of three buses

(VIN: 4DRBVAAN35A987619, 4DRBVAANX5A987617, 4DRBVAAN15A987618) was completed on 8/27/2021.

On-site Monitoring: Four buses (VIN: 1BAKJCBA1MF372943, 1BAKJCBA3MF372944, 1BAKJCBA7MF372946, 1BAKJCBA5MF372945) were monitored on 5/15/2020. Three buses (VIN: 1BAKJCHA3PF388332, 1BAKJCHA1PF388331, 1BAKJCHA3PF388329) were monitored on 3/17/2022. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1T88R3D2941143937, 1T88R3D2941143940, 1T88R3D2041143941, and 1T88N3B2321113974 in the amount of \$173,222.00 was paid on 6/18/2020. A reimbursement request for the replacement of VIN: 4DRBVAAN35A987619, 4DRBVAANX5A987617, and 4DRBVAAN15A987618 in the amount of \$142,698.00 was paid on 6/7/2022.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021, Q4 2021. The Grantee has also submitted an annual report for FY 2020 and FY 2021.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 4/12/2022, effective 8/9/2021.

## **B. Class 4-8 Transit and Shuttle Buses**

On September 10, 2019, TDEC announced its second solicitation for projects under the VW Settlement EMT. Under this solicitation, \$16 million in EMT funding was made available for eligible Class 4-8 Transit and Shuttle Bus projects. The Grant Program, managed by TDEC OEP, provides financial assistance to public, non-profit, and private fleets in Tennessee that apply to replace eligible Transit or Shuttle Buses with any new Alternate Fueled or All-Electric Transit or Shuttle Buses. Additionally, fleets may also apply to Repower Transit or Shuttle Buses with new All-Electric Transit or Shuttle Bus drivetrains. Transit or Shuttle Buses eligible for replacement or Repower include 2009 engine model year or older Class 4-8 diesel buses used for transporting people. For purposes of this solicitation, “Transit Buses” shall include all vehicles that provide public transportation, which shall mean regular and continuing shared-ride surface transportation services that are open to the general public. “Shuttle Buses” shall include vehicles that provide transportation services for one or more specific entities, intra-terminal or intra-facility transportation services, or mobility-on-demand services. Applications were due by November 19, 2019.

On September 17, 2019, TDEC hosted an application workshop. Representatives of transit agencies, shuttle bus contractors, and other interested persons were encouraged to attend to learn about the application process and program terms and conditions, including project eligibility, timelines for implementation, and reporting requirements. This workshop was recorded and posted to the TDEC VW Settlement website for applicant reference.

TDEC OEP then began work to secure a DGA for the Transit and Shuttle Bus Grant Program. To secure the DGA, TDEC OEP submitted a DGA request along with Grant Contract templates for both governmental entities and non-governmental entities (e.g., nonprofits, individuals, businesses, etc.). TDEC OEP received approval for the DGA and associated Grant Contract templates on March 17, 2020. The DGA for this program will remain in effect from April 1, 2020 to March 31, 2025. Three applications were submitted, representing \$5,690,860.50 in funding requests for nine Transit Buses and six All-Electric vehicle chargers. TDEC conducted a comprehensive review of all applications received. Given that the three funding requests represented less than half the amount that was made available under the solicitation, OEP staff members conducted follow-up with other transit agencies and shuttle bus operators to better understand why more applications were not submitted. With regard to the transit agencies, many noted that they either 1) did not have any eligible vehicles for replacement, as their vehicles are all newer than 2009 or 2) they had received FTA funding recently to support the purchase of

new electric buses and therefore did not have capacity or cost share to commit to more bus purchases at the time. With regard to shuttle bus operators, all of the organizations that OEP spoke with noted that their buses were either too small (less than 14,001 lbs.) or were powered by gasoline and were therefore ineligible for replacement or Repower.

TDEC notified selected recipients of their awards in the spring of 2020; three Grantees will receive \$5,690,860.50 in EMT funding to support Transit and Shuttle Bus projects across Tennessee. The Grantees will replace a total of nine engine model year 2009 or older diesel Transit Buses with six All-Electric and three diesel-Hybrid Transit Buses. These projects are expected to yield NOx emissions reductions of an estimated 17,027.46 pounds, or 8.51 tons, over the lifetime of the new vehicles. All nine Transit Buses funded will operate 70% or more of the time in former nonattainment areas for ozone and/or fine particulate matter (PM2.5) National Ambient Air Quality Standards and will collectively travel more than 400,000 miles each year. (Note that the public funding announcement for the Transit and Shuttle Bus Grant Program was not released until May 20, 2020, given TDEC's prioritization of communications and media releases pertaining to the ongoing COVID-19 pandemic earlier in the year.)

On May 13, 2020, in preparation of Grant Contract execution for all selected Grantees, TDEC held a mandatory compliance webinar on the Transit and Shuttle Bus Grant Program. This webinar provided guidance on a variety of program requirements and compliance processes, including bid submission and procurement, replaced vehicle scrappage, Title VI training, invoice submission, reporting, onsite monitoring, and reimbursement. The webinar was recorded and uploaded online for Grantee reference.

TDEC leverages its online GMS to track and store Grant Contract information, milestones, and associated documentation. Within the GMS, there are a variety of activities or modules that Grantees must complete over the course of the grant period (e.g., procurement, reporting, scrappage, reimbursement, etc.) to demonstrate their adherence to the VW Settlement EMT and Grant Contract requirements. As of June 30:

- OEP has reviewed and approved procurement activities for two of three Grantees.
- One Grantee has submitted a total of three proof of scrappage activities, all of which have been reviewed and approved.
- One Grantee has taken delivery of buses; OEP has conducted one monitoring visit for the Grantee that received buses; an associated monitoring report has been finalized and submitted to the Division of Internal Audit.
- A cumulative total of \$1,620,506.25 has been paid to Transit and Shuttle Bus Grantees.

The following Grantee summaries provide additional detail for each approved Eligible Mitigation Action under the Class 4-8 Transit and Shuttle Bus category:

**Chattanooga Area Regional Transportation Authority**

Grant Contract Begin Date: 6/22/2020

Grant Contract End Date: 12/18/2022

Obligated Grant Funding: \$1,882,203.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 Transit Buses with three new all-electric Transit Buses.

Approval of Grantee Procurement Process and Selected Vendor: 6/21/2021

New Bus Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 12/18/2022, effective 8/19/2021.

### **Knoxville, City of**

Grant Contract Begin Date: 4/13/2020

Grant Contract End Date: 4/12/2022

Obligated Grant Funding: \$1,695,907.50

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 Transit Buses with three new diesel-hybrid Transit Buses.

Approval of Grantee Procurement Process and Selected Vendor: 4/29/2020

New Bus Delivery: Three buses (VIN: 15GGE3011M3094039, 15GGE3018M3094040, 15GGE301XM3094041) were delivered on 2/10/2021.

Scrappage: Scrappage of three buses (VIN: 1Z9B6DTS15W216144, 1Z9B5DTS04W216122, 1Z9B5DTS74W216120) was completed on 9/17/2020.

On-site Monitoring: Three buses (VIN: 15GGE3011M3094039, 15GGE3018M3094040, 15GGE301XM3094041) were monitored on 3/29/2021. There were no findings noted.

Reimbursement: A reimbursement request for the replacement of VIN: 1Z9B6DTS15W216144, 1Z9B5DTS04W216122, 1Z9B5DTS74W216120 in the amount of \$1,620,506.25 was paid on 6/30/2021.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q2 2020, Q3 2020, Q4 2020. The Grantee has also completed an annual report for FY 2021.

Modifications/Notes: N/A

### **Memphis Area Transit Authority**

Grant Contract Begin Date: 6/29/2020

Grant Contract End Date: 12/25/2022

Obligated Grant Funding: \$2,112,750.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-8 Transit Buses with three new all-electric Transit Buses.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Bus Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q2 2020, Q3 2020, Q4 2020, Q1 2021, Q2 2021, Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: Due to delays regarding vehicle delivery, TDEC OEP granted a 180-day contract extension to 12/25/2022, effective 8/19/2021.

## **C. Class 4-7 Local Freight Trucks / Class 8 Local Freight Trucks and Port Drayage Trucks**

TDEC released its third solicitation for projects under the VW Settlement EMT On August 27, 2020. Under this solicitation, \$6,177,588.45 in EMT funding was made available for eligible Class 4-7 Local Freight Truck (Medium Truck) projects and \$ 4,118,392.30 in EMT funding was made available for eligible Class 8 Local Freight Trucks and Port Drayage Truck (Large Truck) projects. Applicants were able to apply for funds for Medium Truck projects, Large Truck projects, or both Medium and Large

Truck projects within the same application. The Grant Programs, managed by TDEC OEP, will provide financial assistance to public, non-profit, and private fleets in Tennessee that apply to replace Eligible Medium and Large Trucks with new diesel, Alternate Fueled, or All-Electric trucks. Additionally, fleets could also apply to Repower Eligible Medium and Large Trucks with new diesel, Alternate Fueled, or All-Electric engines or drivetrains.

Medium and Large Trucks eligible for replacement or Repower included diesel 1992–2009 engine model year or older Class 4-7 Local Freight Trucks (Gross Vehicle Weight Rating (GVWR) between 14,001 lbs. and 33,000 lbs.) used to deliver cargo and freight and Class 8 Local Freight Trucks and Port Drayage Trucks (GVWR greater than 33,000 lbs.) used for port drayage and/or freight/cargo delivery. For purposes of this solicitation, “Cargo and Freight” meant goods transported in bulk; raw materials, feedstocks, and other commodities; heating and transportation fuels; construction materials; residential, commercial, and industrial waste; residential, commercial, and industrial goods transported via established moving services; mail and other packages; equipment that enables emergency response and other public services; and any other items that must be transported via truck to support commerce and safety. “Local” referred to vehicles that operate in Tennessee counties for 70% or more of the time. Applications were due by October 30, 2020.

On September 10, 2020, TDEC hosted an application workshop. Staff from TDEC’s Office of Energy Programs, the Division of Air Pollution Control, and the Grants and Contracts Administration team presented and fielded attendees’ questions. This workshop was recorded and posted to the TDEC VW Settlement website for applicant reference. Applicants were required to attend the virtual application workshop prior to application submission, either by participating in the initial webinar session or by watching the recorded session.

TDEC OEP then began work to secure a DGA for the Medium and Large Truck Grant Programs. To secure the DGA, TDEC OEP submitted two DGA requests (one for Medium Trucks, one for Large Trucks) along with Grant Contract templates for both governmental entities and non-governmental entities (e.g., nonprofits, individuals, businesses, etc.). TDEC OEP received approval for the DGA and associated Grant Contract templates on February 2, 2021. The DGA for these programs will remain in effect from March 1, 2021 to February 28, 2026.

28 applications were submitted with the total request across both EMA categories equaling \$10,828,252.38. Each applicant submitted information that required clarification and/or verification (e.g., engine model years, cost estimates, etc.). However, of the original 28 applicants, two were found to be ineligible for funding (one proposed an ineligible vehicle project; one proposed a project for which they could not provide the required documentation to prove vehicle eligibility).

OEP requested follow-up information from each of the remaining 26 applicants. Once this outstanding information was supplied, OEP completed evaluation for the 26 updated applications, all of which were determined to be eligible under the VW Settlement EMT Medium and Large Truck Grant Programs.

OEP completed a first draft of funding recommendations in December 2020, including one scenario that would fund all vehicle projects proposed by the 26 eligible applicants and a second scenario that would fund all but one of the vehicle projects proposed by the 26 eligible applicants (removing one vehicle project that earned a poor cost-effectiveness rating for NOx emissions reductions). The funding recommendations were presented to the TDEC VW Settlement Technical Advisory Committee (TAC) in January 2021; the TAC and TDEC leadership decided to move forward with the option that resulted in a higher NOx cost-effectiveness. TDEC leadership approved the selected funding scenario in April 2021.

On May 18, 2021, TDEC announced that 26 Grantees would receive approximately \$9.7 million in EMT funding to replace Class 4-7 Local Freight Trucks (Medium Trucks) and Class 8 Local Freight Trucks (Large Trucks) across Tennessee. The total originally included \$3,772,646.05 for Medium Truck projects and \$5,952,037.69 for Large Truck projects. (As of June 30, 2022, only \$5,606,515.45 is obligated currently in Large Truck Grant Contracts. More details below.)

In July 2021, TDEC sent Grant Contracts to all Grantees for signature with a begin date for all Grant Contracts of August 1, 2021. TDEC also held a mandatory compliance webinar scheduled on July 21 for the Medium and Large Truck Grant Programs. This webinar provided guidance on a variety of program requirements and compliance processes, including bid submission and procurement, replaced vehicle scrappage, Title VI training, invoice submission, reporting, onsite monitoring, and reimbursement. The webinar was recorded and uploaded online for Grantee reference.

Since that time, two Grantees under the Large Truck Grant Program have requested termination of its Grant Contracts due to inability to fulfill State contract requirements. Another funding recipient requested additional time to secure final, internal approvals for its proposed Large Truck project before entering into a Grant Contract with the State. A Grant Contract for this Grantee reflecting a begin date of March 1, 2022 has been submitted internally for TDEC approval prior to signature.

For the Medium Truck Grant Program, selected awardees will replace a total of 35 engine model year 1992-2009 diesel trucks with 10 new diesel, two All-Electric, 14 Hybrid, eight propane, and one compressed natural gas trucks. These selected Medium Truck replacement projects are expected to reduce 22,561.47 pounds, or 11.28 tons, of NOx emissions over the lifetime of the new vehicles, with a vehicle cost-effectiveness rating of \$166.44 per pound of NOx reduced.

For the Large Truck Grant Program, currently selected awardees will replace a total of 43 engine model year 1992-2009 diesel trucks with 34 new diesel, one All-Electric, one Hybrid, and seven compressed natural gas trucks. These selected Large Truck replacement projects are expected to reduce 38,295.78 pounds, or 19.15 tons, of NOx emissions over the lifetime of the new vehicles, with a vehicle cost-effectiveness rating of \$146.40 per pound of NOx reduced.

TDEC leverages its online Grants Management System (GMS) to track and store Grant Contract information, milestones, and associated documentation. Within the GMS, there are a variety of activities or modules that Grantees must complete over the course of the grant period (e.g., procurement, reporting, scrappage, reimbursement, etc.) to demonstrate their adherence to the VW Settlement EMT and Grant Contract requirements. As of June 30:

- OEP has reviewed and approved 10 procurement activities for seven Medium Truck Grantees and 19 procurement activities for 13 Large Truck Grantees.
- Five Large Truck Grantees have submitted a total of eight proof of scrappage activities, all of which have been reviewed and approved.
- Five Large Truck Grantees have taken delivery of nine vehicles and two Medium Truck Grantees have taken delivery of three vehicles. OEP has conducted seven monitoring visits; five associated monitoring reports have been finalized and submitted to the Division of Internal Audit (pending Scrappage documentation from the remaining two).
- A cumulative total of \$1,341,618.51 has been paid to Medium and Large Truck Grantees.

The following Grantee summaries provide additional detail for each approved Eligible Mitigation Action under the Class 4-7 Local Freight Truck (Medium Truck) category:

**Athens, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$70,192.15

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-7 vehicle with one new diesel Class 4-7 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: 2/3/2022.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**Chattanooga, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$769,738.75

Project Scope: The Grantee shall replace six 2009 engine model year or older Class 4-7 vehicles with one new all-electric, one new CNG, and four new propane Class 4-7 vehicles and purchase associated charging infrastructure.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**Etowah Utilities**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$42,297.50

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-7 vehicle with one new diesel Class 4-7 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: 8/18/2021

New Vehicle Delivery: One vehicle (VIN: 1FDWF7DE6NDF07679) was delivered on 4/22/2022.

Scrappage: Scrappage of one vehicle (VIN: 3FDXF75R6YMA01736) was completed on 6/22/2022. As of June 30, the Grantee has not yet submitted Scrappage documentation.

On-site Monitoring: One vehicle (VIN: 1FDWF7DE6NDF07679) was monitored on 6/9/2022.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021.

Modifications/Notes: N/A

**Greeneville, Town of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023



Obligated Grant Funding: \$78,550.00

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-7 vehicle with one new bi-fuel propane Class 4-7 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Hancock County Highway Department**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$284,982.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-7 vehicles with three new propane Class 4-7 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Knoxville Utilities Board**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$623,361.50

Project Scope: The Grantee shall replace six 2009 engine model year or older Class 4-7 vehicles with six new diesel-hybrid Class 4-7 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 8/3/2021.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Memphis, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$892,708.12

Project Scope: The Grantee shall replace seven 2009 engine model year or older Class 4-7 vehicles with one new all-electric, four new plug-in hybrid electric, and two new diesel-hybrid Class 4-7 vehicles and associated charging infrastructure.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Pigeon Forge, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$558,838.50

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 4-7 vehicles with one new diesel-hybrid Class 4-7 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: 11/23/2021.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Portland, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$289,339.53

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 4-7 vehicles with three new diesel Class 4-7 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 10/15/2021.

New Vehicle Delivery: Two vehicles (VIN: 1FDUF5HT1MDA10221, 3ALACXFC4NDNJ0313) were delivered on 1/15/2022.

Scrappage: Scrappage of two vehicles (VIN: 1FDAF56P16EC67322, 1FV6HLBB7PL448168) was completed on 2/25/2022 and 4/8/2022, respectively.

On-site Monitoring: Two vehicles (VIN: 1FDUF5HT1MDA10221, 3ALACXFC4NDNJ0313) were monitored on 1/27/2022.

Reimbursement: A reimbursement request for the replacement of VIN: 1FDAF56P16EC67322 and 1FV6HLBB7PL448168 in the amount of \$187,288.50 was paid on 6/14/2022.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Washington County/Johnson City EMS, Inc**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$162,638.00

Project Scope: The Grantee shall replace four 2009 engine model year or older Class 4-7 vehicles with four new diesel Class 4-7 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 11/10/2021

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.  
Modifications/Notes: N/A

The following Grantee summaries provide additional detail for each approved Eligible Mitigation Action under the Class 8 Local Freight Truck and Port Drayage Truck (Large Truck) category:

### **Franklin, City of**

Grant Contract Begin Date: 4/1/2022  
Grant Contract End Date: 3/31/2024  
Obligated Grant Funding: \$417,842.85  
Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new all-electric Class 8 vehicle and associated charging infrastructure.  
Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: N/A  
Modifications/Notes: The City of Franklin requested additional time to secure final, internal approvals for its proposed Large Truck project before entering into a Grant Contract with the State. A Grant Contract for this Grantee reflecting a begin date of April 1, 2022 has been executed.

### **Gallatin, City of**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$427,869.00  
Project Scope: The Grantee shall replace three 2009 engine model year or older Class 8 vehicles with three new diesel Class 8 vehicles.  
Approval of Grantee Procurement Process and Selected Vendor: 8/18/2021, 8/24/2021  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.  
Modifications/Notes: N/A

### **Jefferson County**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$136,671.75  
Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.  
Approval of Grantee Procurement Process and Selected Vendor: 8/6/2021  
New Vehicle Delivery: One vehicle (VIN: 1M2GR3GC9NM026565) was delivered on 9/29/2021.

Scrappage: Scrappage of one vehicle (VIN: 1M2AG11C44M010569) was completed on 12/16/2021.  
On-site Monitoring: One vehicle (VIN: 1M2GR3GC9NM026565) was monitored on 10/26/2021.  
Reimbursement: A reimbursement request for the replacement of VIN: 1M2AG11C44M010569 in the amount of \$127,637.25 was paid on 2/1/2022.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021.  
Modifications/Notes: N/A

### **Johnson City, City of**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$178,765.28  
Project Scope: The Grantee shall replace two 2009 engine model year or older Class 8 vehicles with two new diesel Class 8 vehicles.  
Approval of Grantee Procurement Process and Selected Vendor: 8/12/2021  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.  
Modifications/Notes: N/A

### **Karns Fire Department**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$170,785.64  
Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.  
Approval of Grantee Procurement Process and Selected Vendor: 8/4/2021  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.  
Modifications/Notes: N/A

### **Knoxville Utilities Board**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$126,638.50  
Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel-hybrid Class 8 vehicle.  
Approval of Grantee Procurement Process and Selected Vendor: 7/7/2022.  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**Lebanon, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$736,759.71

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 8 vehicles with three new diesel Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 12/7/2021

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**Lenoir City, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$451,884.75

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: 10/15/2021

New Vehicle Delivery: One vehicle (VIN: 4P1BAAFF8MB023664) was delivered on 3/22/2022.

Scrappage: Scrappage of one vehicle (VIN: 457CT2498YC033281) was completed on 6/6/2022.

On-site Monitoring: One vehicle (VIN: 4P1BAAFF8MB023664) was monitored on 3/29/2022.

Reimbursement: A reimbursement request for the replacement of VIN 457CT2498YC033281 was submitted on 6/15/2022. This reimbursement request is still under review.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**Maury County**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$330,588.50

Project Scope: The Grantee shall replace two 2009 engine model year or older Class 8 vehicles with two new diesel Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 10/27/2021

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

**McNairy County Highway Department**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$347,129.23

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 8 vehicles with three new diesel Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 9/22/2021

New Vehicle Delivery: Three vehicles (VIN: 3ALMGNDR8NDNN7163, 3ALMGNDRXNDNN7164, 3ALMGNDR1NDNN7165) were delivered on 3/17/2022.

Scrappage: As of June 30, the Grantee has completed Scrappage, but has not submitted documentation.

On-site Monitoring: Three vehicles (VIN: 3ALMGNDR8NDNN7163, 3ALMGNDRXNDNN7164, 3ALMGNDR1NDNN7165) were monitored on 4/4/2022.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Memphis, City of**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$107,071.17

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Millington Airport**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$500,000.00

Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.

Approval of Grantee Procurement Process and Selected Vendor: 7/7/2022.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Montgomery County**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$500,000.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 8 vehicles with three new diesel Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 8/6/2021, 8/31/2021, 9/8/2021  
New Vehicle Delivery: Three vehicles (VIN: 1M2TE2GC3NM006980, 4V5KC9DH7NN284919, 4V5KC9DH6NN284894) were delivered on 8/30/2021, 9/30/2021, and 10/14/2021, respectively.  
Scrappage: Scrappage of three vehicles (VIN: 1M2K185C42M009038, 1HTGLAXT92H506557, 1M2B209C54M030010) was completed on 10/14/2021, 10/22/2021, and 11/24/2021, respectively.  
On-site Monitoring: Three vehicles (VIN: 1M2TE2GC3NM006980, 4V5KC9DH7NN284919, 4V5KC9DH6NN284894) were monitored on 11/1/2021.  
Reimbursement: A reimbursement request for the replacement of vehicle VIN: 1M2K185C42M009038, 1HTGLAXT92H506557, and 1M2B209C54M030010 in the amount of \$445,808.01 was paid on 2/1/2022.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021.  
Modifications/Notes: N/A

### **Morgan County**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$129,000.00  
Project Scope: The Grantee shall replace one 2009 engine model year or older Class 8 vehicle with one new diesel Class 8 vehicle.  
Approval of Grantee Procurement Process and Selected Vendor: 8/6/2021  
New Vehicle Delivery: One vehicle (VIN: 1M2TE2GC6LM004394) was delivered on 8/23/2021.  
Scrappage: Scrappage of one vehicle (VIN: 1M2K185C1RM005829) was completed on 10/28/2021.  
On-site Monitoring: One vehicle (VIN: 1M2TE2GC6LM004394) was monitored on 10/14/2021.  
Reimbursement: A reimbursement request for the replacement of VIN: 1M2K185C1RM005829 in the amount of \$129,000.00 was paid on 4/30/2022.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021.  
Modifications/Notes: N/A

### **Portland, City of**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$98,437.50  
Project Scope: The Grantee shall replace two 2009 engine model year or older Class 8 vehicles with two new diesel Class 8 vehicles.  
Approval of Grantee Procurement Process and Selected Vendor: The Grantee has not yet submitted a request for approval of procurement process or selected vendor.  
New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.  
Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.  
On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.  
Reimbursement: The Grantee has not yet submitted any reimbursement requests.  
Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.  
Modifications/Notes: N/A

### **Republic Services, Inc.**

Grant Contract Begin Date: 8/1/2021  
Grant Contract End Date: 7/31/2023  
Obligated Grant Funding: \$318,084.28

Project Scope: The Grantee shall replace thirteen 2009 engine model year or older Class 8 vehicles with thirteen new diesel Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 11/23/2021.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **Waste Management of Tennessee, Inc.**

Grant Contract Begin Date: 8/1/2021

Grant Contract End Date: 7/31/2023

Obligated Grant Funding: \$150,000.00

Project Scope: The Grantee shall replace three 2009 engine model year or older Class 8 vehicles with three new CNG Class 8 vehicles.

Approval of Grantee Procurement Process and Selected Vendor: 2/15/2022.

New Vehicle Delivery: The Grantee has not yet taken delivery of any new vehicles.

Scrappage: As of June 30, the Grantee has not Scrapped any vehicles.

On-site Monitoring: On-site monitoring will be scheduled following new vehicle delivery.

Reimbursement: The Grantee has not yet submitted any reimbursement requests.

Reporting: The Grantee is current on all reporting requirements. The Grantee has submitted quarterly reports for the following quarters: Q3 2021, Q4 2021, Q1 2022.

Modifications/Notes: N/A

### **D. Light Duty Zero Emission Vehicle (ZEV) Supply Equipment**

The State has allocated the maximum allowable percentage (15%) of its VW Settlement EMT allocation (\$6,177,588.45 in initial eligible project funds) to fund light duty electric vehicle charging infrastructure.

On November 1, 2019, TDEC issued a Request for Information (RFI) to solicit feedback to inform the program design for a forthcoming solicitation under the Light Duty ZEV Supply Equipment category. In particular, the RFI requested feedback as to how the State should consider allocating the funds within this EMA category between the following EMA sub-categories:

Light duty electric vehicle (EV) supply equipment that:

- will be available to the public;
- is available at a workplace but not to the general public; and
- is available at a multi-unit dwelling but not to the general public.

The RFI posed questions on best practices and preferences for specific EV charging use cases, including corridor, workplace, multi-unit dwelling, and community charging applications. Responses to the RFI were due on December 6, 2019. TDEC received 24 responses from a mix of industry organizations, charging equipment and network vendors, local governmental entities, utilities, non-profits, and individuals. The RFI was not a solicitation for projects; information obtained from the RFI has been used solely for planning purposes. Submitting a response to this RFI was voluntary and was and will not be a prerequisite for responding to any future solicitations issued by TDEC with regard to the State's allocation under the VW Settlement EMT. The responses provide valuable feedback on topics such as DC fast charging corridor infrastructure and will inform ongoing planning efforts to deploy EV infrastructure across varying use cases in Tennessee.



TDEC has also leveraged program design insights from the recently completed Drive Electric Tennessee Statewide Electric Vehicle Charging Infrastructure Needs Assessment, which highlights the condition of Tennessee’s publicly available EV charging infrastructure, as well as identifies geographic areas where new infrastructure should be placed to promote electric vehicle adoption in TN and the goal of 200,000 light duty EVs in Tennessee by 2028.<sup>2</sup> Whereas high demand EV charging sites can attract private investment (e.g., retail charging, community charging), the Needs Assessment found that lower demand EV charging sites (e.g., corridor charging, rural charging) are not as appealing for private investors and may require investment from public institutions and/or utilities.

Given that DC fast charging corridor applications (and rural deployments in particular) create difficult business propositions for third parties and private businesses in the short term, TDEC has identified corridor charging infrastructure as a key opportunity area for public investment. Additionally, TDEC is exploring ways to partner with local utilities in the installation, ownership, and operation of public DC fast charging corridor equipment to reduce the overall cost of charging and to support long-term business models for operation and maintenance of such infrastructure.

With the goal of establishing a statewide corridor fast charging network that improves transportation efficiency, reduces vehicle emissions, drives EV adoption, strengthens the resiliency of the transportation sector, and connects both rural and urban areas in Tennessee, TDEC has identified key primary and secondary corridors for EV infrastructure development within a set of EV Charging Infrastructure Opportunity Maps.<sup>3</sup> TDEC will seek to supplement existing public electric vehicle charging infrastructure to achieve what we are calling “Fast 50” designation on these corridors, such that non-proprietary fast charging sites (with minimum power levels of 50 kilowatts or higher) will be located no more than 50 miles apart along a given corridor or route.

In January 2021, TDEC and the Tennessee Valley Authority (TVA) announced a partnership to develop a statewide Fast Charge TN Network to power the growth of EVs across Tennessee and reduce barriers to transportation electrification. Specifically, the two signed an agreement to collaborate and fund a network of fast charging stations every 50 miles along Tennessee’s interstates and major highways.<sup>4</sup> This initiative will add approximately 50 new charging locations, tripling the existing fast charging infrastructure.

TDEC and TVA are leveraging various funding sources to support the development of the fast charging network with an anticipated project cost of \$13.5 million. TDEC has committed 15%, the maximum allowable, of the State’s Volkswagen Diesel Settlement Environmental Mitigation Trust allocation to fund light-duty EV charging infrastructure. Approximately \$5.2 million from this fund is expected to be allocated to DCFC infrastructure along corridors. The remainder of the project will be funded by TVA, other program partners, and program participant cost share. Although the Tennessee Department of Transportation (TDOT) initially committed \$7 million in Highway Infrastructure Program (HIP) funding to support additional charger installations under the Fast Charge TN Network, a lack of available FHWA

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<sup>2</sup> Drive Electric Tennessee Statewide Electric Vehicle Charging Infrastructure Needs Assessment. <https://www.tn.gov/content/dam/tn/environment/energy/documents/DET%20Tennessee%20EVSE%20Needs%20Assessment%20-%20Executive%20Summary.pdf>.

<sup>3</sup> EV Charging Infrastructure Opportunity Map. [https://www.tn.gov/content/dam/tn/environment/energy/documents/EVChargingOpportunityMap\\_11.20.pdf](https://www.tn.gov/content/dam/tn/environment/energy/documents/EVChargingOpportunityMap_11.20.pdf). Primary and Secondary Corridors with Existing Electric Vehicle DC Fast Charging Infrastructure. [https://www.tn.gov/content/dam/tn/environment/energy/documents/EVChargingOpportunityMap\\_DCFC\\_11.20.pdf](https://www.tn.gov/content/dam/tn/environment/energy/documents/EVChargingOpportunityMap_DCFC_11.20.pdf).

<sup>4</sup> TDEC and TVA Memorandum of Agreement to Define Responsibilities for the Deployment of Electric Vehicle Charging Infrastructure in Tennessee. <https://www.tn.gov/content/dam/tn/environment/energy/documents/TVA-TDEC%20MOA%20-%20EV%20Chargers.pdf>.

Buy America compliant charging infrastructure inhibited the utilization of the funding and TDOT ultimately decided to shift the funding to be utilized for other purposes in order to meet federal obligation timeline requirements.

On April 7, TVA released a [Request for Information \(RFI\)](#) to establish minimum technical specifications for equipment and operations under the forthcoming Fast Charge TN Network funding solicitations. A total of 32 responses were received. TVA utilized these responses to create a list of providers offering EV fast charging supply equipment; operating network back-end options; and related program support services. Future Fast Charge TN Network program participants will be able to reference this list of qualified providers when developing infrastructure projects along major travel corridors over the next several years.

On August 30, TDEC and TVA announced the solicitation for initial project proposals from TVA-served Local Power Companies (LPCs) and other local utilities that distribute electricity in Tennessee whose service territory is located along prioritized corridor gaps (eligible applicants) to develop the Fast Charge TN Network across Tennessee. First round Notice of Intent to Apply (NOI) response sheets were due by October 15, 2021 to be considered for funding. In total, TDEC and TVA received 141 site proposals (53 primary sites and 88 alternate options) from 36 LPCs across the state.

On October 21, TDEC and TVA reviewed all responses received to determine the projects that will be funded by each funding source. Forty-four locations were selected to move forward, with TDEC to work directly with 15 LPCs on 17 proposed locations (the maximum number of locations that TDEC could fund with earmarked VW Settlement EMT funding for the Fast Charge TN network) and TVA to work directly with the remaining LPCs on 28 locations. At least one location from every NOI respondent was selected to move forward, such that all NOI respondents were encouraged to move forward with one or more locations.

On November 10, TDEC notified the 15 LPCs of the proposed locations that were selected to move forward for VW Settlement EMT funding consideration, noting that further instructions on completing a full application were forthcoming. On November 29, TDEC launched the full application for the Fast Charge TN network and prompted the 15 selected LPCs to complete the application by January 14, 2022.

TDEC held an associated application workshop via webinar on December 7, 2021. This workshop was recorded and posted on TDEC's Fast Charge TN Network website ([www.tn.gov/EVfastcharge](http://www.tn.gov/EVfastcharge)) for applicant reference. Applicants are required to attend the virtual application workshop prior to application submission, either by participating in the live webinar session or by viewing the session recording. The application workshop provided guidance on the application process and program terms and conditions, including project eligibility, timelines for implementation, and reporting requirements, and offered the opportunity for prospective applicants to participate in a Q&A with TDEC staff.

Following requests for an extension to the application deadline from one LPC, TDEC OEP extended the application deadline for all applicants by two weeks to Friday, January 28 at 4:00 PM Central. Twelve applications were submitted, with the total request equaling \$5,200,000.00 for 32 direct current fast charging units to be installed at 13 sites. TDEC OEP evaluated the 12 applications, all of which were determined to be eligible under the VW Settlement EMT Light Duty Electric Vehicle Supply Equipment solicitation.

In February 2022, following the solicitation for applications under this Fast Charge TN Network Program, the Federal Highway Administration (FHWA) released [initial guidance for the National Electric Vehicle Infrastructure \(NEVI\) Program](#), to be funded by the Infrastructure Investment and Jobs Act (IIJA). Under the NEVI formula program, Tennessee is expected to receive \$88 million over five years;

the funding must initially be spent on fast charging infrastructure development along FHWA-designated Alternative Fuel Corridors (includes I-40, I-65, I-75, I-24, I-81, I-26, and US-64 in TN). The minimum technical specifications for the NEVI funding exceed the minimum requirements established by the Fast Charge TN Network program (see the table below).

<b>Metric</b>	<b>Fast Charge TN Network</b>	<b>NEVI Program</b>
<i>Minimum number of chargers at a site</i>	2	4
<i>Plugs required</i>	Both CHAdeMO and CCS plugs required for each charger	Only one CCS plug required for each charger
<i>Minimum charging level</i>	120 kW per charger	150 kW per charger
<i>Maximum distance from nearest highway exit</i>	5 miles	1 mile

In March, TDEC and TVA held a webinar with Fast Charge TN network participants to discuss the pros and cons of amending the Fast Charge TN network minimum technical specifications midway through the program to meet the specifications of the NEVI program. Local power company (LPC) feedback fell into two main categories:

- LPCs that were currently satisfied with, and would not want to deviate from, the original program details, charger specifications, and investments those charger projects would require;
- LPCs that would consider aligning their projects (partially or in whole) with the updated FHWA guidance if the program reimbursement scaled with the additional investment that would be required for larger/higher powered projects.

As such, TDEC and TVA decided not to make any mandatory changes to the program structure as it was originally outlined at the time of application. LPCs satisfied with the original program details and minimum specifications would be able to move forward with their projects in accordance with the original program guidelines. However, given the potential interest by some LPCs to voluntarily align their projects with the new FHWA guidance/specs, TVA and TDEC decided to add a “second tier” funding cap, such that the program would still provide up to 80% of eligible project costs, but would increase the reimbursement cap to \$250K per charger for higher power charger projects (150+kW) (as compared to \$150K per charger for 120kw chargers).

The final funding recommendations were presented to the TDEC VW Settlement Technical Advisory Committee (TAC) in May 2022. The Governor’s Office approved the selected funding scenario in July 2022. An associated press release, announcing TDEC’s selected grantees and information regarding the projects that TVA will fund, is expected to be released in late July.

**ATTESTATION AND SIGNATURE**

I certify that the information included within this report is true and correct and that the submission is made under penalty of perjury.

Signature:





A handwritten signature in blue ink, appearing to be 'M. J. B.', written in a cursive style.

Title: Director, Bureau of Environment Operations / Office of Energy Programs / Emergency Response

Date: July 27, 2022

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## VW EMT Semiannual Report


**Molly Cripps**To  Alexa VoytekCc  Natalie Dallriva;  Angela McGee;  Mark Finlay;  Lizzy Gaviria

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 VW EMT SemiAnnual Report\_TN\_Through\_6.30.22\_final (07.27.2022).docx  
117 KB

Hi, Alexa.

I have reviewed and finalized the VW Semiannual Report through June 30, 2022. Many thanks to you and the team for preparing this report. I have affixed my digital signature and dated the document. Please copy me on the submittal email to the TTEE.

Sincerely,

Molly

**Molly R. Cripps**  
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