

VOLKSWAGEN DIESEL SETTLEMENT ENVIRONMENTAL MITIGATION TRUST SEMIANNUAL REPORT TO THE TRUSTEE

Beneficiary: State of Tennessee

Reporting Period: January 1, 2021-June 30, 2021

SUMMARY OF COSTS EXPENDED ON ELIGIBLE MITIGATION ACTION CATEGORIES THROUGH JUNE 30, 2021

The following figures detail the allocation of funds by Eligible Mitigation Action category, as outlined within the State's Beneficiary Mitigation Plan (updated April 2021):¹

- **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, 2021:

- **Class 4-8 School Buses:** \$6,466,694.23 (\$86,480.97 in eligible administration costs, \$6,380,213.26 in Grantee reimbursements)
- **Class 4-8 Transit Buses:** \$1,649,903.43 (\$29,397.18 in eligible administration costs, \$1,620,506.25 in Grantee reimbursements)
- **Class 4-7 Local Freight Trucks:** \$17,894.84 (eligible administration costs)
- **Class 8 Local Freight Trucks and Port Drayage Trucks:** \$18,424.93 (eligible administration costs)
- **Light Duty Zero Emission Vehicle Supply Equipment:** \$18,836.11 (eligible administration costs)
- **Total:** \$8,171,753.54

SUMMARY OF PROGRESS IMPLEMENTING EACH ELIGIBLE MITIGATION ACTION FOR THE PERIOD OF JANUARY 1-JUNE 30, 2021

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 TDEC's Office of Energy Programs (OEP), provides financial assistance to public, nonprofit and private

¹ State of Tennessee's Beneficiary Mitigation Plan. https://www.tn.gov/content/dam/tn/environment/energy/documents/vw-resources/TDEC%20VW%20EMT%20BMP_Updated%204.26.21.pdf.

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.
- 33 Grantees have submitted a total of 108 proof of scrappage activities, all of which have been reviewed and approved.

- 33 Grantees have taken delivery of buses; OEP is in communication with these Grantees to schedule monitoring visits. Several of these Grantees will take delivery of additional buses at a later date.
- OEP has conducted 40 monitoring visits of Grantees that have received buses; all 40 associated monitoring reports have been finalized and submitted to the Division of Internal Audit.
- A cumulative total of \$6,380,213.26 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.

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

On-site Monitoring: One bus (VIN: 4DRBUC8N5MB815606) was monitored on 3/2/2020. Two buses (VIN: 4DRBUC8N9MB815608, 4DRBUC8N2MB177752) were monitored on 7/21/2020. 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.

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 (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: 10/14/2021

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: Three buses (VIN: 1BAKJCBA8MF372941, 1BAKJCBA3MF376511, 1BAKJCBA5NF380111) were delivered on 2/13/2020, 6/11/2020, and 12/4/2020, respectively.

Scrappage: Scrappage of three buses (VIN: 1HVBGAN01A932256, 1BAKGCKAX7F241108, 1BAKFCKA37F240255) was completed on 2/12/2020, 7/11/2020, and 12/28/2020, 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. 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.

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.

Modifications/Notes: N/A

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.

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, 4DRBVAAN47A409745, 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.

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.

Scrappage: Scrappage of five buses (VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, 1BAKJCBAXMF373929) was completed on 8/17/2020.

On-site Monitoring: Five buses (VIN: 1BAKJCBAXMF373928, 1BAKJCBAXMF373927, 1BAKJCBAXMF373930, 1BAKJCBAXMF373931, 1BAKJCBAXMF373929) were monitored on 7/8/2020. 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.

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.

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.

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.

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, 1BAKJCBA8MF374206) 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.

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.

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.

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: 4UZABRFCXLCCMC9774, 4UZABRFC1LCCMC9775, 4UZABRFC3LCCMC9776, 4UZABRFC5LCCMC9777, 4UZABRFC7LCCMC9778) 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: 4UZABRFCXLCCMC9774, 4UZABRFC1LCCMC9775, 4UZABRFC3LCCMC9776, 4UZABRFC5LCCMC9777, 4UZABRFC7LCCMC9778) 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.

Modifications/Notes: N/A

Henderson 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 Bus with one new diesel School Bus.

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

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

Scrappage: As of June 30, the Grantee has not Scraped 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: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021.

Modifications/Notes: N/A

Hickman County School System

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

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.

Scrappage: Scrappage of six buses (VIN: 4DRBGAAN24A961733, 1T88R4C2161168373, 4UZAAX0C87CX24859, 4DRBUSKN19BO49173, 4DRBRAAN94B961734, 4DRBGAAN04A961732) was completed on 3/5/2021.

On-site Monitoring: Six buses (VIN: 1BAKGCBA0NF379138, 1BAKGCBA9NF379137, 1BAKGCBA7NF379136, 1BAKGCBA5NF379135, 1BAKGCBA3NF379134, 1BAKGCBA1NF379133) were monitored on 2/9/2021.

Reimbursement: A reimbursement request for the replacement of VIN 4DRBGAAN24A961733, 1T88R4C2161168373, 4UZAAX0C87CX24859, 4DRBUSKN19BO49173, 4DRBRAAN94B961734, and 4DRBGAAN04A961732 was paid on 5/26/2021.

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.

Modifications/Notes: N/A

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.

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.

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.

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.

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: 1T88S4C2271284526, 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: 1T88S4C2271284526, 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.

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.

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: 10/14/2021

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: 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: Q4 2019, Q1 2020, Q2 2020, Q3 2020, Q4 2020, Q1 2021.

Modifications/Notes: N/A

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.

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.

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.

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: 10/14/2021

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.

Scrapage: Scrapage of two buses (VIN: 1BABKCPA63F213601, 1BAAHCPA64F212606) was completed on 8/21/2020 and 10/12/2020, respectively.

On-site Monitoring: Two buses (VIN: 1BAKJCSA7MF377256, 1BAKJCSA9MF377257) were monitored on 10/19/2020. 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.

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.

Modifications/Notes: N/A

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.

Scrapage: Scrapage 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.

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.

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.

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.

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.

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: 1BANKCKA78F252471, 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: 1BANKCKA78F252471, 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.

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.

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.

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.

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.

Modifications/Notes: N/A

Weakley County Board of Education

Grant Contract Begin Date: 10/15/2019

Grant Contract End Date: 10/14/2021

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.

Scrappage: Scrappage of four buses (VIN: 1T88R3D2941143937, 1T88R3D2941143940, 1T88R3D2041143941, 1T88N3B2321113974) was completed on 4/9/2020.

On-site Monitoring: Four buses (VIN: 1BAKJCBA1MF372943, 1BAKJCBA3MF372944, 1BAKJCBA7MF372946, 1BAKJCBA5MF372945) were monitored on 5/15/2020. 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.

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.

Modifications/Notes: N/A

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.

As of December 31, OEP has reviewed and approved procurement activities for one of the three 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: 6/21/2022

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.

Modifications/Notes: N/A

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.

Modifications/Notes: N/A

Memphis Area Transit Authority

Grant Contract Begin Date: 6/29/2020

Grant Contract End Date: 6/28/2022

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.

Modifications/Notes: N/A

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 includes \$3,772,646.05 for Medium Truck projects and \$5,952,037.69 for Large Truck projects.

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, selected awardees will replace a total of 51 engine model year 1992-2009 diesel trucks with 42 new diesel, one All-Electric, one Hybrid, and seven compressed natural gas trucks. These selected Large Truck replacement projects are expected to reduce 49,770.78 pounds, or 24.89 tons, of NOx emissions over the lifetime of the new vehicles, with a vehicle cost-effectiveness rating of \$119.46 per pound of NOx reduced.

TDEC has sent Grant Contracts to all Grantees for signature and expects a begin date for all Grant Contracts of August 1, 2021. TDEC also has a mandatory compliance webinar scheduled for July 21 on the Medium and Large Truck Grant Programs. This webinar will provide 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 will be 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. Following the begin date of the Grant Contracts, Grantees will be directed to complete such activities according to the Medium and Large Truck Grant Programs Manual, published and submitted to the Grantees along with their Grant Contracts for signature.

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 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 2028.² 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.

² 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>.

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.³ 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 have signed an agreement to collaborate and fund a network of fast charging stations every 50 miles along Tennessee’s interstates and major highways.⁴ This initiative will add approximately 50 new charging locations, tripling the existing fast charging infrastructure.

TDEC and TVA will leverage various funding sources to support the development of the Fast Charge TN Network with an anticipated project cost of \$20 million. As noted above, TDEC has committed 15%, the maximum allowable, of the State’s VW Settlement EMT allocation to fund light-duty EV charging infrastructure. Approximately \$5 million from this fund is expected to be allocated to fast charging infrastructure along corridors. In addition to the \$7 million in federal Highway Infrastructure Program (HIP) funding that the Tennessee Department of Transportation (TDOT) has committed to expand fast-charging infrastructure along federally-designated Alternative Fuel Corridors in Tennessee, the remainder of the project will be funded by TVA, other program partners, and program participant cost share.

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 is utilizing 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.

TVA and TDEC OEP are developing a joint program overview and Notice of Intent to apply for Fast Charge TN Network funding, which will be sent to local power companies whose service territories include an identified EV infrastructure gap along primary and secondary corridors. This solicitation is expected to be released in August 2021 and will prompt interested local power companies to provide

³ EV Charging Infrastructure Opportunity Map.

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.

⁴ 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>.

information on their organization, the corridor and gap area of focus, 3-5 initial proposed infrastructure sites, an acknowledgement of financial cost share requirements under the program, and detail regarding communications to date with potential site hosts.

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: Molly D. Cuzzo

Title: Director, TDEC BOE Operations / Office of Energy Programs / Emergency Response

Date: 07-26-2021