



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



PHILLIP D. ROOS
DIRECTOR

July 28, 2023

VIA INTRA-LINKS

Volkswagen Diesel Emissions Environmental Mitigation Trust
for State Beneficiaries, Puerto Rico, and the District of Columbia
c/o Wilmington Trust, N.A. as Trustee
Wilmington Trust, National Association
Attention: Michael Bochanski Jr., Assistant Vice President
Capital Markets and Agency Services
Rodney Square North
1100 North Market Street
Wilmington, Delaware 19890

Dear Michael Bochanski Jr.:

SUBJECT: State of Michigan's Semi-Annual Report

Enclosed with this letter is Michigan's semi-annual report that includes information as described in paragraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries.

This report covers January 1, 2023, through June 30, 2023. The information is true and correct, and the submission is made under the penalty of perjury.

If you have any questions or concerns about this report, please contact Kathy Tetzlaff, Manager, Administration Section, Materials Management Division, Michigan Department of Environment, Great Lakes, and Energy (EGLE), at 517-290-6682 or TetzlaffK@Michigan.gov.

Sincerely,

Elizabeth M. Browne, Director
Materials Management Division
517-242-2746

Enclosure

cc: Julie Staveland, EGLE
Kathy Tetzlaff, EGLE
Jake Wilkerson, EGLE

**Volkswagen Diesel Environmental Mitigation Trust for States
Semi-Annual Report**

Beneficiary: Michigan
Lead Agency: Department of Environment, Great Lakes, and Energy
Reporting Period: January 1, 2023 - June 30, 2023

	2020	2021	2022	2023	Total
Class 4-8 School Bus	\$2,675,870	\$8,391,274	\$1,319,676	\$0	\$12,386,821
Lt Duty Zero Emission Vehicle Supply Equip	\$0	\$1,057,361	\$1,499,625	\$1,164,409	\$3,721,395
Class 8 Trucks	\$0	\$0	\$0	\$499,999	\$499,999
Program Administration	\$0	\$154,034	\$109,973	\$0	\$264,006
Total Disbursements	\$2,675,870	\$9,602,669	\$2,929,274	\$1,664,407	\$16,872,221

Summary of All Costs										
Project Description	VW Mitigation Funds			Match Funds			Total Project Cost			VW Funds
	Obligated	Expended	Total	Obligated	Expended	Total	Obligated	Expended	Total	Disbursed
Electric School Bus Pilot Project ¹	\$0	\$4,197,194	\$4,197,194	\$0	\$1,798,798	\$1,798,798	\$0	\$5,995,992	\$5,995,992	\$4,197,194
Diesel and Propane School Bus Projects	\$535,266	\$8,189,627	\$8,724,892	\$1,225,369	\$19,346,509	\$20,571,877	\$1,760,634	\$27,536,135	\$29,296,769	\$8,189,627
Light Duty EV Chargers - Ph 1	\$73,881	\$1,374,085	\$1,447,966	\$133,756	\$3,151,423	\$3,285,178	\$207,637	\$4,525,507	\$4,733,145	\$1,374,085
Light Duty EV Chargers - Ph 2	\$9,633	\$438,571	\$448,204	(\$9,898)	\$1,078,393	\$1,068,495	(\$265)	\$1,516,964	\$1,516,699	\$438,571
Light Duty EV Chargers - Ph 3	\$101,595	\$398,130	\$499,725	\$208,721	\$1,049,049	\$1,257,770	\$310,316	\$1,447,179	\$1,757,495	\$398,130
Light Duty EV Chargers - Ph 4	\$2,201	\$375,249	\$377,450	\$0	\$1,606,571	\$1,606,571	\$2,201	\$1,981,820	\$1,984,021	\$375,249
Light Duty EV Chargers - Ph 5	\$172,581	\$430,288	\$602,869	\$429,199	\$1,049,693	\$1,478,893	\$601,780	\$1,479,981	\$2,081,762	\$430,288
Light Duty EV Chargers - Ph 6	\$564,598	\$173,221	\$737,819	\$488,643	\$374,459	\$863,101	\$1,053,240	\$547,680	\$1,600,920	\$173,221
Light Duty EV Chargers - Ph 7	\$60,990	\$173,064	\$234,054	\$21,394	\$223,981	\$245,374	\$82,384	\$397,045	\$479,428	\$173,064
Light Duty EV Chargers - Ph 8	\$349,667	\$54,996	\$404,663	\$173,350	\$109,992	\$283,342	\$523,017	\$164,988	\$688,005	\$54,996
Light Duty EV Chargers - Ph 9	\$380,517	\$303,792	\$684,309	\$635,215	\$694,312	\$1,329,527	\$1,015,732	\$998,104	\$2,013,836	\$303,792
Light Duty EV Chargers - Ph 10	\$388,216	\$0	\$388,216	\$1,058,725	\$0	\$1,058,725	\$1,446,941	\$0	\$1,446,941	\$0
Light Duty EV Chargers - Ph 11	\$424,568	\$0	\$424,568	\$437,119	\$0	\$437,119	\$861,687	\$0	\$861,687	\$0
Class 8 Trucks - Part 1	\$4,388,820	\$499,999	\$4,888,819	\$5,386,581	\$1,999,995	\$7,386,576	\$9,775,401	\$2,499,994	\$12,275,395	\$499,999
Shuttle / Transit Buses - Part 1	\$500,000	\$0	\$500,000	\$750,000	\$0	\$750,000	\$1,250,000	\$0	\$1,250,000	\$0
Class 4-7 Local Freight Trucks - Part 1	\$1,600,001	\$0	\$1,600,001	\$2,345,539	\$0	\$2,345,539	\$3,945,539	\$0	\$3,945,539	\$0
Shorepower	\$2,182,596	\$0	\$2,182,596	\$1,027,104	\$0	\$1,027,104	\$3,209,700	\$0	\$3,209,700	\$0
Program Administration	\$160,994	\$264,006	\$425,000	\$0	\$0	\$0	\$160,994	\$264,006	\$425,000	\$264,006
Totals	\$11,896,123	\$16,872,221	\$28,768,344	\$14,310,815	\$32,483,174	\$46,793,989	\$26,206,938	\$49,355,395	\$75,562,333	\$16,872,221

Project Narrative		
Project Description	Environmental Mitigation Action #	Project Status
Electric School Bus Pilot Project	2	As part of the Michigan Association for Pupil Transportation Electric School Bus Pilot Project, 17 diesel school buses were replaced with 17 new all-electric school buses and charging stations in a total of seven school districts. The old diesel buses were decommissioned and scrapped. Emission reductions were calculated. During this reporting period data has been collected to help track energy usage, vehicle operation, maintenance, and the total cost of operation. The grant agreement closed on December 31, 2022, and the final report was submitted January 2023. All reimbursements have been completed for this project.

Project Narrative		
Project Description	Environmental Mitigation Action #	Project Status
Diesel and Propane School Bus Projects	2	Twenty-three of the 25 projects have been completed and reimbursements have been made. The two remaining projects have been completed during this period but are waiting on final reimbursement and expected to be distributed by August 2023. Once all projects have been completed, a total of 295 buses will have been replaced with new diesel or propane school buses.
Request for Proposal (Multiple Projects, Parts 1, 2 and 3)	1, 2, 3, 4, 5, 6, 7, 8	The multi-year, three part, \$30 Million Request for Proposal for Class 4-8 Local Freight Trucks, Port Drayage Trucks, Shuttle and Transit Buses, Freight Switchers, Ferries and Tugs, Shorepower, Airport Ground Support Equipment, Forklifts, and Port Cargo Handling Equipment was announced on February 23, 2021. During this reporting period, we accepted and awarded two grantees under Part Two where up to \$9 million was available for projects involving Freight Switchers, Great Lakes Ferries and Tugs, and Great Lakes Vessels Shore Power. The two projects awarded include one diesel ferry boat all-electric repower and one shore power system. Part Three is currently open and will close on November 1, 2023, and will offer up to \$5 million for projects involving Airport Ground Support Equipment, Forklifts and Port Cargo Handling Equipment.
Request for Proposal Part 1	1	During this reporting period the ten grants in EMA #1 to replace Class 8 trucks with new, diesel, CNG, propane or all-electric versions remained on schedule. All projects are expected to be completed by 2025.
Request for Proposal Part 1	2	During this reporting period the one grant in EMA #2 to replace two transit buses with two new CNG transit buses remained on schedule. This project is expected to be completed by 2024.
Request for Proposal Part 1	6	During this reporting period the five grants in EMA #6 remain on schedule and expected to be completed by 2025.
Request for Proposal Part 2	3, 4, 5	Part Two of the Request For Proposal closed September 23, 2022, and offered up to \$9 million to replace or repower freight switchers, repower ferries and tugs, and install shore power for vessels that operate within the Great Lakes. During this reporting period two grantee's were awarded, one to repower a diesel ferry boat to all electric, and one to install shore power in Sault Ste Marie. The grant amount awarded for these two projects is roughly \$5.2 million.
Light Duty EV Chargers - Phase 1	9	The Light Duty EV Chargers - Phase 1 (Charge Up Michigan program) received 31 applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 31 grantees. However, 11 of these awards has since been cancelled due to the awardees falling through. The Remaining awards resulted in the installation of 59 DC fast chargers and 12 level 2 chargers. There are 59 DC fast chargers and 12 level 2 chargers online in this phase. All projects were completed by December 31, 2021.
Light Duty EV Chargers - Phase 2	9	The Light Duty EV Chargers - Phase 2 (Charge Up Michigan program) received 9 applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 9 grantees. These awards resulted in the installation of 18 DC fast chargers. There are 18 DC fast chargers online in this phase. All projects were completed by December 31, 2021.

Project Narrative		
Project Description	Environmental Mitigation Action #	Project Status
Light Duty EV Chargers - Phase 3	9	The Light Duty EV Chargers - Phase 3 (Charge Up Michigan program) received 10 applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 10 grantees. However, 1 of these awards has since been cancelled due to the awardees falling through. The remaining awards resulted in the installation of 21 DC fast chargers. There are 21 DC fast chargers online in this phase. All projects were completed by June 30, 2023.
Light Duty EV Chargers - Phase 4	9	The Light Duty EV Chargers - Phase 4 (Charge Up Michigan program) received 11 applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 11 grantees. However, 6 of these awards has since been cancelled due to the awardees falling through. The remaining awards resulted in the installation of 16 DC fast chargers. There are 16 DC fast chargers online in this phase. All projects are were completed by December 31, 2022.
Light Duty EV Chargers - Phase 5	9	The Light Duty EV Chargers - Phase 5 (Charge Up Michigan program) received 9 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 7 grantees. These awards will result in the installation of 22 DC fast chargers and 24 level 2 chargers. There are 14 DC fast chargers and 24 level 2 chargers online in this phase. All projects are expected to be completed by December 31, 2023.
Light Duty EV Chargers - Phase 6	9	The Light Duty EV Chargers - Phase 6 (Charge Up Michigan program) received 9 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 9 grantees. However, 3 of these awards has since been cancelled due to the awardees falling through. The remaining awards will result in the installation of 15 DC fast chargers. There are 7 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2023.
Light Duty EV Chargers - Phase 7	9	The Light Duty EV Chargers - Phase 7 (Charge Up Michigan program) received 6 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 6 grantees. However, 2 of these awards has since been cancelled due to the awardee falling through. The remaining awards will result in the installation of 5 DC fast chargers and 8 level 2 chargers. There are 5 DC fast chargers online and 8 level 2 chargers online in this phase. All projects were completed by June 30, 2023.
Light Duty EV Chargers - Phase 8	9	The Light Duty EV Chargers - Phase 8 (Charge Up Michigan program) received 4 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 4 grantees. However, 1 of these awards has since been cancelled due to the awardee falling through. The remaining awards will result in the installation of 6 DC fast chargers. There are 2 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2023.
Light Duty EV Chargers - Phase 9	9	The Light Duty EV Chargers - Phase 9 (Charge Up Michigan program) received 10 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 10 grantees. However, 1 of these awards has since been cancelled due to the awardee falling through. The remaining awards will result in the installation of 18 DC fast chargers. There are 12 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2023.
Light Duty EV Chargers - Phase 10	9	The Light Duty EV Chargers - Phase 10 (Charge Up Michigan program) received 9 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 9 grantees. However, 3 of these awards has since been cancelled due to the awardee falling through. The remaining awards will result in the installation of 9 DC fast chargers. There are 3 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2023.

Project Narrative		
Project Description	Environmental Mitigation Action #	Project Status
Light Duty EV Chargers - Phase 11	9	The Light Duty EV Chargers - Phase 11 (Charge Up Michigan program) received 6 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 6 grantees. The awards will result in the installation of 15 DC fast chargers. There are 0 DC fast chargers online in this phase. All projects are expected to be completed by June 30, 2024.
Light Duty EV Chargers - Phase 12	9	The Light Duty EV Chargers - Phase 12 (Charge Up Michigan program) received 1 new application for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 1 grantee. The award will result in the installation of 2 DC fast chargers. There are 0 DC fast chargers online in this phase. All projects are expected to be completed by June 30, 2024.

¹ Funds adjusted to reflect actual expenditures on the projects. Grantee payments are final.

This information is true and correct and the submission is made under penalty of perjury.


 This document has been electronically signed.

July 28, 2023
 Date

Materials Management Division, Director