

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

**Beneficiary: Michigan**  
**Lead Agency: Department of Environment, Great Lakes, and Energy**  
**Reporting Period: July 1, 2023 - December 31, 2023**

	2020	2021	2022	2023	Total
Class 4-8 School Bus	\$2,675,870	\$8,391,274	\$1,319,676	\$403,802	\$12,790,623
Lt Duty Zero Emission Vehicle Supply Equip	\$0	\$1,057,361	\$1,499,625	\$1,877,205	\$4,434,192
Class 4-7 Local Freight Trucks	\$0	\$0	\$0	\$185,318	\$185,318
Class 8 Trucks	\$0	\$0	\$0	\$499,999	\$499,999
Program Administration	\$0	\$154,034	\$109,973	\$218,634	\$482,640
<b>Total Disbursements</b>	<b>\$2,675,870</b>	<b>\$9,602,669</b>	<b>\$2,929,274</b>	<b>\$3,184,957</b>	<b>\$18,392,771</b>

Summary of All Costs										
Project Description	VW Mitigation Funds			Match Funds			Total Project Cost			VW Funds Disbursed
	Obligated	Expended	Total	Obligated	Expended	Total	Obligated	Expended	Total	
Electric School Bus Pilot Project <sup>1</sup>	\$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 <sup>1</sup>	\$0	\$8,593,429	\$8,593,429	(\$0)	\$20,638,157	\$20,638,157	(\$0)	\$29,231,585	\$29,231,585	\$8,593,429
Light Duty EV Chargers - Ph 1 <sup>1</sup>	\$0	\$1,374,085	\$1,374,085	\$0	\$3,151,423	\$3,151,423	\$0	\$4,525,507	\$4,525,507	\$1,374,085
Light Duty EV Chargers - Ph 2 <sup>1</sup>	\$0	\$438,571	\$438,571	\$0	\$1,078,393	\$1,078,393	\$0	\$1,516,964	\$1,516,964	\$438,571
Light Duty EV Chargers - Ph 3 <sup>1</sup>	\$0	\$498,130	\$498,130	\$0	\$1,283,461	\$1,283,461	\$0	\$1,781,590	\$1,781,590	\$498,130
Light Duty EV Chargers - Ph 4 <sup>1</sup>	\$0	\$375,249	\$375,249	\$0	\$1,606,571	\$1,606,571	\$0	\$1,981,820	\$1,981,820	\$375,249
Light Duty EV Chargers - Ph 5	\$122,581	\$480,288	\$602,869	\$256,199	\$1,222,693	\$1,478,893	\$378,780	\$1,702,981	\$2,081,762	\$480,288
Light Duty EV Chargers - Ph 6	\$305,666	\$475,474	\$781,141	\$487,552	\$526,517	\$1,014,069	\$793,219	\$1,001,991	\$1,795,210	\$475,474
Light Duty EV Chargers - Ph 7 <sup>1</sup>	\$0	\$227,633	\$227,633	\$0	\$253,364	\$253,364	\$0	\$480,997	\$480,997	\$227,633
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	\$294,315	\$389,993	\$684,309	\$508,036	\$821,491	\$1,329,527	\$802,351	\$1,211,485	\$2,013,836	\$389,993
Light Duty EV Chargers - Ph 10	\$268,443	\$119,773	\$388,216	\$809,244	\$249,481	\$1,058,725	\$1,077,687	\$369,253	\$1,446,941	\$119,773
Light Duty EV Chargers - Ph 11	\$929,243	\$0	\$929,243	\$820,934	\$0	\$820,934	\$1,750,177	\$0	\$1,750,177	\$0
Light Duty EV Chargers - Ph 12	\$65,150	\$0	\$65,150	\$141,084	\$0	\$141,084	\$206,234	\$0	\$206,234	\$0
Light Duty EV Chargers - Ph 13	\$53,009	\$0	\$53,009	\$123,009	\$0	\$123,009	\$176,018	\$0	\$176,018	\$0
Light Duty EV Chargers - Ph 14	\$226,775	\$0	\$226,775	\$484,120	\$0	\$484,120	\$710,895	\$0	\$710,895	\$0
Class 8 Trucks - Part 1	\$4,611,773	\$499,999	\$5,111,772	\$5,482,133	\$1,999,995	\$7,482,128	\$10,093,906	\$2,499,994	\$12,593,900	\$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	\$1,500,923	\$185,318	\$1,686,240	\$2,005,601	\$376,898	\$2,382,498	\$3,506,523	\$562,215	\$4,068,739	\$185,318
Ferries & Tugs	\$3,058,000	\$0	\$3,058,000	\$3,058,000	\$0	\$3,058,000	\$6,116,000	\$0	\$6,116,000	\$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 *	(\$25,140)	\$482,640	\$457,500	\$0	\$0	\$0	(\$25,140)	\$482,640	\$457,500	\$482,640
<b>Totals</b>	<b>\$14,443,003</b>	<b>\$18,392,771</b>	<b>\$32,835,774</b>	<b>\$16,126,366</b>	<b>\$35,117,233</b>	<b>\$51,243,598</b>	<b>\$30,569,368</b>	<b>\$53,510,004</b>	<b>\$84,079,372</b>	<b>\$18,392,771</b>

\* D-4 modifications pending to realign budgets


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 grant agreement closed on December 31, 2022, and the final report was submitted January 2023. All reimbursements have been completed. No new activity during this reporting period.
Diesel and Propane School Bus Projects	2	The remaining two projects have been completed and reimbursements have been made. 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 next reporting period.
Request for Proposal Part 1	6	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 each of the two grants awarded, one grant in EMA #4 and one in EMA#5 remain on schedule and expected to be completed by 2025.
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 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 23 DC fast chargers and 12 level 2 chargers. There are 17 DC fast chargers and 12 level 2 chargers online in this phase. All projects are expected to be completed by December 31, 2024.
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 13 DC fast chargers. There are 9 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2024.
Light Duty EV Chargers - Phase 7	9	The Light Duty EV Chargers - Phase 7 (Charge Up Michigan program) received 6 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 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 5 DC fast chargers and 3 level 2 chargers. There are 3 DC fast chargers and 3 level 2 chargers online in this phase. All projects are expected to be completed by December 31, 2024.
Light Duty EV Chargers - Phase 9	9	The Light Duty EV Chargers - Phase 9 (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 awardee falling through. The remaining awards will result in the installation of 15 DC fast chargers. There are 9 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2024.

Project Narrative		
Project Description	Environmental Mitigation Action #	Project Status
Light Duty EV Chargers - Phase 10	9	The Light Duty EV Chargers - Phase 10 (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. However, 3 of these awards have 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, 2024.
Light Duty EV Chargers - Phase 11	9	The Light Duty EV Chargers - Phase 11 (Charge Up Michigan program) received 6 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 12 DC fast chargers. There are 3 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2024.
Light Duty EV Chargers - Phase 12	9	The Light Duty EV Chargers - Phase 12 (Charge Up Michigan program) received 1 application for the installation of EV Chargers along Michigan's transportation corridors. The one application was evaluated and awarded to the grantee. The award will result in the installation of 2 DC fast chargers. There are 2 DC fast chargers online in this phase. All projects were completed by December 31, 2023.
Light Duty EV Chargers - Phase 13	9	The Light Duty EV Chargers - Phase 13 (Charge Up Michigan program) received 1 new application for the installation of EV Chargers along Michigan's transportation corridors. The one application was evaluated and awarded to the grantee. The award will result in the installation of 1 DC fast charger. There are 0 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2024.
Light Duty EV Chargers - Phase 14	9	The Light Duty EV Chargers - Phase 14 (Charge Up Michigan program) received 3 new applications for the installation of EV Chargers along Michigan's transportation corridors. Of these applications, all were evaluated and awarded with 3 grantees. The award will result in the installation of 5 DC fast chargers. There are 0 DC fast chargers online in this phase. All projects are expected to be completed by December 31, 2025.
Request for Proposal - Lake Michigan Circuit	9	An RFP was released on October 5, 2023 for the strategic deployment of light duty EV chargers to support EV tourism along the Lake Michigan coastline. The administration of this program is happening in partnership with the Michigan Department of Natural Resources (DNR), Michigan Department of Transportation (MDOT), and Office of Future Mobility and Electrification (OFME). The RFP will close on January 31, 2024.

<sup>1</sup> 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.*

January 29, 2024  
 \_\_\_\_\_  
 Date

Materials Management Division, Director