

VW Environmental Mitigation Trust - Semi Annual Report

Beneficiary	New York State
Lead Agency	NYS Department of Environmental Conservation
Reporting Period	Jan 1, 2021 - June 30, 2021

Funding Totals	Reporting Period	Cumulative
Trust Funds Received	\$ -	\$ 56,419,500.00
July - Dec 2020 Funds Expended	\$ -	\$ 9,188,917.13
Jan - June 2021 Funds Expended	\$ 3,348,756.36	\$ 3,348,756.36
Remaining Balance	\$ -	\$ 43,881,826.51

Summary of Cumulative Funding

Project	BMP Budget	Total Funds Received (Equipment & Admin)	Total Funds Expended (Equipment and Admin)	Total Funds Committed (Equipment and Admin)	Notes*
EMA 1 - Class 8 Trucks	Up to \$11,500,000	\$ 3,245,000.00	\$ 465,000.00	\$ 9,735,000.00	
EMA 2 - Buses	At least \$52,400,000	\$ 37,516,000.00	\$ 8,898,380.49	\$ 61,004,000.00	
EMA 3 - Freight Switchers	Up to \$8,000,000	\$ -	\$ -	\$ -	
EMA 4 - Ferries/Tugs	Up to \$3,500,000	\$ -	\$ -	\$ -	
EMA 5 - OGV Shorepower	\$0	\$ -	\$ -	\$ -	
EMA 6 - Class 4-7 Trucks	Up to \$8,500,000	\$ 3,118,500.00	\$ 481,082.00	\$ 9,355,500.00	
EMA 7 - Airport GSE	Up to \$3,200,000	\$ -	\$ -	\$ -	
EMA 8 - Forklifts and Port Equip	Up to \$1,000,000	\$ 990,000.00	\$ -	\$ 990,000.00	
EMA 9 - Light Duty EVSE	Up to \$19,200,000	\$ 11,550,000.00	\$ 2,693,211.00	\$ 17,600,000.00	
EMA 10 - DERA Option	Up to \$10,000,000	\$ -	\$ -	\$ -	
Administrative Costs	Up to \$10,900,000	\$ -	\$ -	\$ -	For all EMAs except for EMA #9
NYS VW Mitigation Fund	\$127,701,807	\$ 56,419,500.00	\$ 12,537,673.49	\$ 98,684,500.00	

NYS BPM located at <https://www.dec.ny.gov/chemical/109784.html>

Approved Funding Requests - Cumulative

Project Name	Funding Request #	CA #	Amount	Date Funding Received
NYSERDA Class 8 Trucks	1	11434	\$ 1,320,000.00	12/17/2019
NYSERDA Class 4-7 Trucks	2	11434	\$ 1,760,000.00	12/17/2019
NYSERDA Transit Buses	3	11725	\$ 6,116,000.00	2/27/2020
NYCDOT Class 4-7 Trucks	4	11728	\$ 1,358,500.00	5/14/2020
NYCDOT Class 8 Trucks	5	11728	\$ 1,925,000.00	5/14/2020
NYPA Transit Bus EVSE	6	11699	\$ 2,000,000.00	8/27/2020
NYSERDA DCFC EVSE	7	11943	\$ 6,050,000.00	10/2/2020
NYSERDA Charge Ready NY EVSE	8	11863	\$ 5,500,000.00	10/2/2020
NYSERDA School Bus	9	11813	\$ 4,400,000.00	10/20/2020
NYSERDA Transit Bus	10	11725	\$ 25,000,000.00	5/13/2021
NYSERDA Cargo Handling	11	11912	\$ 990,000.00	5/13/2021
Cumulative Approved Funding Requests (includes adm)			\$ 56,419,500.00	

Total Available VW Fund (w/ no interest)	\$ 127,701,807.00
Remaining Available VW Funds	\$ 71,282,307.00

Total Funding Commitments with Approved Cooperative Agreements			
MAI #	Project Name	CA #	Amount
1	NYSERDA Class 8 Trucks	11434	\$ 3,960,000.00
6	NYSERDA Class 4-7 Trucks	11434	\$ 5,280,000.00
2	NYSERDA Transit Buses	11725	\$ 36,348,000.00
6	NYCDOT Class 4-7 Trucks	11728	\$ 4,075,500.00
1	NYCDOT Class 8 Trucks	11728	\$ 5,775,000.00
2	NYPA Transit Bus EVSE	11699	\$ 11,456,000.00
9	NYSERDA DCFC EVSE	11943	\$ 12,100,000.00
9	NYSERDA Charge Ready EVSE	11863	\$ 5,500,000.00
2	NYSERDA School Bus	11813	\$ 13,200,000.00
8	NYSERDA Cargo Handling	11912	\$ 990,000.00
Total Committed VW Funds			\$ 98,684,500.00
Total Available VW Funds (no interest)			\$ 127,701,807.00
Uncommitted VW Funds			\$ 29,017,307.00

I attest that the information contained in this Semi Annual Report is true and correct and that this submission is made under penalty of perjury. Also, I am signing this document as an official from New York State with the authority to submit this report for the beneficiary.



Jeff Marshall, P.E.
 Bureau of Mobile Sources and Technology Development
 Division of Air Resources
 New York State Department of Environmental Conservation

NYSERDA NYT Voucher Incentive Program - EMA 1 Class 8 Truck Replacements

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11434
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 12/17/2019	\$ -	\$ 1,320,000.00
July-Dec 2020 Funds Expended	\$ -	\$ 300,000.00
Jan-June 2021 Funds Expended	\$ -	\$ -
Remaining Balance		\$ 1,020,000.00

Summary for Reporting Period

Class 8 Truck Replacement Category	Number of Trucks Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
CNG/Propane	0	\$ -	\$ -	\$ -	
Plug-In Hybrid	0	\$ -	\$ -	\$ -	
Hybrid	0	\$ -	\$ -	\$ -	
TOTALS	0	\$ -	\$ -	\$ -	

Replacement (new or newer) Vehicles

Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Scrapped (old) Vehicles

Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
1	NYSERDA NYT-VIP Class 8 Truck Replacements	No Class 8 truck replacements projects were completed during this reporting period.

NYSERDA NYT Voucher Incentive Program - EMA 6 Class 4-7 Truck Replacements

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11434
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 12/17/2019	\$ -	\$ 1,760,000.00
July-Dec 2020 Funds Expended	\$ -	\$ -
Jan-June 2021 Funds Expended	\$ 218,182.00	\$ 218,182.00
Remaining Balance		\$ 1,541,818.00

Summary for Reporting Period					
Class 4-7 Truck Replacement Category	Number of Trucks Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
CNG/Propane	4	\$ 218,182.00	\$ 218,182.00	\$ -	Individual truck details available upon request.
Plug-In Hybrid	0	\$ -	\$ -	\$ -	
Hybrid	0	\$ -	\$ -	\$ -	
TOTALS	4	\$ 218,182.00	\$ 218,182.00	\$ -	

Replacement (new or newer) Vehicles				
Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
4	\$ 643,962.42	\$ 218,182.00	\$ 425,780.42	CNG

Scrapped (old) Vehicles				
Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
4	\$ -	\$ -	\$ -	Diesel

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
6	NYSERDA NYT-VIP Class 4-7 Truck Replacements	Four (4) Class 4-7 truck replacements projects were completed through the NYSERDA NYTVIP program during this reporting period.

NYSERDA NYT Voucher Incentive Program - EMA 2 Transit Bus Replacements (all-electric)

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	11725
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 2/27/20	\$ -	\$ 6,116,000.00
July-Dec 2020 Funds Expended	\$ -	\$ 7,125,355.00
Trust Funds Received 5/13/21	\$ -	\$ 25,000,000.00
Jan-June 2021 Funds Expended	\$ -	\$ -
Remaining Balance		\$ 23,990,645.00

Summary for Reporting Period

Transit Bus Category	Number of Transit Buses Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
Jan-June 2021 All Electric	0	\$ -	\$ -	\$ -	
TOTALS	0	\$ -	\$ -	\$ -	

Replacement (new) Transit Buses

Reporting Period	Number	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	0	\$ -	\$ -	\$ -	

Scrapped (old) Transit Buses

Reporting Period	Number	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	0	\$ -	\$ -	\$ -	

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
2	NYSERDA NYT-VIP Transit Bus Replacements (all-electric)	There were no transit bus replacements projects were completed during this reporting period.

NYCDOT Clean Truck Program - EMA 6 Class 4-7 Trucks

Beneficiary	New York State
Project Sponsor	NYCDOT
Cooperative Agreement	11728
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 5/4/2020	\$ -	\$ 1,358,500.00
July - Dec 2020 Funds Expended	\$ -	\$ 54,000.00
Jan - June 2021 Funds Expended	\$ 208,900.00	\$ 208,900.00
Remaining Balance		\$ 1,095,600.00

Summary for Reporting Period					
Transit Bus Category	Number of Trucks Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
Diesel	9	\$ 208,900.00	\$ 185,000.00	\$ 23,900.00	Admin for 12 trucks (July 2020 - June 2021)
CNG	0	\$ -	\$ -	\$ -	
Hybrid	0	\$ -	\$ -	\$ -	
TOTALS	9	\$ 208,900.00	\$ 185,000.00	\$ 23,900.00	

Replacement (new or newer) Vehicles					
Reporting Period	Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	9	\$ 941,660.54	\$ 185,000.00	\$ 756,660.54	Diesel

Scrapped (old) Vehicles					
Reporting Period	Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	9	\$ -	\$ -	\$ -	Diesel

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
6	NYCDOT CTP Class 4-7 Truck Replacements	9 Class 4-7 truck replacements projects were completed during this reporting period.

NYCDOT Clean Truck Program - EMA 1 Class 8 Trucks

Beneficiary	New York State
Project Sponsor	NYCDOT
Cooperative Agreement	11728
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 5/4/2020	\$ -	\$ 1,925,000.00
Funds Expended July - Dec 2020	\$ -	\$ 60,000.00
Funds Expended Jan - June 2021	\$ 105,000.00	\$ 105,000.00
Remaining Balance		\$ 1,760,000.00

Summary for Reporting Period					
Truck Category	Number of Trucks Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
Diesel	3	\$ 105,000.00	\$ 90,000.00	\$ 15,000.00	Admin for 5 trucks (July 2020 - June 2021)
CNG	0	\$ -	\$ -	\$ -	
Hybrid	0	\$ -	\$ -	\$ -	
TOTALS	3	\$ 105,000.00	\$ 90,000.00	\$ 15,000.00	

Replacement (new or newer) Vehicles					
Reporting Period	Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	3	\$ 610,699.97	\$ 90,000.00	\$ 520,699.97	Diesel

Scrapped (old) Vehicles					
Reporting Period	Number of Trucks	Total Cost	VW Funds	Cost Share	Fuel Type
Jan-June 2021	3	\$ -	\$ -	\$ -	Diesel

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
1	NYCDOT CTP Class 8 Truck Replacements	3 Class 8 truck replacements projects were completed during this reporting period.

NYPA Electric Transit Bus EVSE Program - EMA 2 Electric Transit Bus Charging Infrastructure

Beneficiary	New York State
Project Sponsor	NYPA
Cooperative Agreement	11699
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Current Reporting Period	Cumulative
Trust Funds Received (8/27/2020)	\$ -	\$ 2,000,000.00
July - Dec 2020 Funds Expended	\$ 1,161,703.13	\$ 1,161,703.13
Jan - June 2021 Funds Expended	\$ 611,322.36	\$ 611,322.36
Remaining Balance		\$ 226,974.51

Correction - TCAT decrease to \$168,499.94, RTS increase to \$435,296.40

Summary for Reporting Period - Electric Transit Buses EVSE Projects							
Number	Project I.D.	Total VW Cost	Equipment Cost	Admin Cost	% of Project	# of Chargers	Maximum Charging Rate (kW)
1	Tompkins Consolidated Area Transit	\$ 358,062.36	\$ 325,511.24	\$ 32,551.12	91%	4	125
2	Westchester Bee Line	\$ 253,260.00	\$ 226,600.00	\$ 26,660.00	43%	6	150
Totals		\$ 611,322.36	\$ 552,111.24	\$ 59,211.12			

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
2	NYPA Electric Transit Bus EVSE Program	During the reporting period NYPA completed and invoiced for electric transit bus charging infrastructure at TCAT bus depot and Westchester bus depot.

NYSERDA DCFC Program - EMA 9 Light Duty DCFC

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11943
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 10/2/2020	\$ -	\$ 6,050,000.00
July - Dec 2020 Funds Expended	\$ -	\$ -
Jan - July 2021 Funds Expended	\$ -	\$ -
Remaining Balance		\$ 6,050,000.00

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
9	NYPA Light Duty DCFC Program	No DCFC projects were completed during this reporting period.

NYSERDA EVSE Program - EMA 9 Light Duty EVSE

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11863
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 10/2/2020	\$ -	\$ 5,500,000.00
July - Dec 2020 Funds Expended	\$ 487,859.00	\$ 487,859.00
Jan - June 2021 Funds Expended	\$ 2,205,352.00	\$ 2,205,352.00
Remaining Balance		\$ 2,806,789.00

Light Duty EVSE Installed					
Reporting Period	Number of EVSE	Total Cost	VW Funds	Cost Share	Fuel Type
Jan - July 2021	577	\$ 4,815,428.00	\$ 2,205,352.00	\$ 2,610,076.00	Electric

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
9	NYSERDA Light Duty EVSE Program	577 ports were installed at 93 locations during the reporting period. Details are available upon request.

NYSERDA NYT Voucher Incentive Program - EMA 2 School Bus Replacements

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11813
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 10/2/20	\$ 4,400,000.00	\$ 4,400,000.00
July - Dec 2020 Funds Expended	\$ -	\$ -
Jan - July 2021 Funds Expended	\$ -	\$ -
Remaining Balance		\$ 4,400,000.00

Summary for Reporting Period

School Bus Replacement Category	Number of Buses Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
CNG/Propane	0	\$ -	\$ -	\$ -	
TOTALS	0	\$ -	\$ -	\$ -	

Replacement (new or newer) Vehicles

Number of Buses	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Scrapped (old) Vehicles

Number of Buses	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
2	NYSERDA NYTVIP School Bus Replacements	There were no school bus replacements projects completed during this reporting period

NYSERDA NYT Voucher Incentive Program - EMA 8 Cargo Handling Equipment

Beneficiary	New York State
Project Sponsor	NYSERDA
Cooperative Agreement	CA11912
Reporting Period	Jan 1, 2021 - June 30, 2021

Equipment & Administrative Funding	Reporting Period	Cumulative
Trust Funds Received 5/13/2021	\$ -	\$ 990,000.00
Jan - June 2021 Funds Expended	\$ -	\$ -
Remaining Balance		\$ 990,000.00

Summary for Reporting Period

Cargo Replacement Category	Number of Trucks Replaced	Funds Expended (Equip + Admin)	Equipment Funds Expended	Administrative Funds Expended	Notes
All Electric	0	\$ -	\$ -	\$ -	
TOTALS	0	\$ -	\$ -	\$ -	

Replacement (new or newer) Vehicles

Number of Vehicles	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Scrapped (old) Vehicles

Number of Vehicles	Total Cost	VW Funds	Cost Share	Fuel Type
0	\$ -	\$ -	\$ -	

Eligible Mitigation Action #	Beneficiary Plan Project Title	Reporting Period Project Summary
8	NYSERDA NYTVIP Cargo Handling Equipment	No cargo handling replacement projects were completed during this reporting period