

New York State Beneficiary Mitigation Plan, Addendum #2

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Estimated New York State Funding by VW Settlement Mitigation Action Item			
Eligible Mitigation Action Item	New York State Estimated Funding	Funding (%)	Anticipated # vehicles total/electric
Item 1: Class 8 Local Freight & Port Drayage Trucks	Up to \$11,500,000	Up to 9%	145/60
Item 2: Class 4-8 School Bus, Shuttle Bus, or Transit Bus	At least \$52,400,000	At least 40.5%	Up to 500/100+
Item 3: Freight Switchers	Up to \$8,000,000	Up to 6%	10/0
Item 4: Ferries/Tugs	Up to \$3,500,000	Up to 2.5%	12/0
Item 5: Ocean Going Vessels (OGV) Shorepower	\$0	0%	N/A
Item 6: Class 4-7 Local Freight Trucks	\$8,500,505,000	7%	265/65
Item 7: Airport Ground Support Equipment <u>and Associated</u> (Charging Equipment)	\$3,200,000	2.5%	77 <u>16/16</u>
Item 8: Forklifts and Port Handling Equipment	Up to \$1,000,000	Up to 1%	4/4
Item 9: Light Duty Zero Emission Vehicle Supply Equipment	\$19,200,000	15%	Tbd
Item 10: Federal Diesel Emission Reduction Act Option	Up to \$10,000,000	Up to 8%	300/0
Administrative Costs (excluding Item 9)	Up to \$10,900,000	Up to 8.5%	N/A
Mitigation Trust Funding Totals	\$127,701,807	100%	Up to 1,240,313/245+229+

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DEC has completed its preliminary assessment of potential mitigation actions based on the numerous project proposals received during the robust public comment process and through discussions with multiple diverse stakeholders and other New York State governmental entities. DEC plans to direct the VW allocation as outlined in Table 1 below, with the understanding that funding adjustments by mitigation action item will occur over time in response to market interest, ability for recipients to provide cost share, and lessons learned over time.

TABLE 1: Estimated New York State Funding by VW Settlement Mitigation Action Item

Eligible Mitigation Action Item	New York State Estimated Funding	Funding (%)
Item 1: Class 8 Local Freight & Port Drayage Trucks	Up to \$11,500,000	Up to 9%
Item 2: Class 4-8 School Bus, Shuttle Bus, or Transit Bus	At least \$52,400,000	At least 40.5%
Item 3: Freight Switchers	Up to \$8,000,000	Up to 6%
Item 4: Ferries/Tugs	Up to \$3,500,000	Up to 2.5%
Item 5: Ocean Going Vessels (OGV) Shorepower	\$0	0%
Item 6: Class 4-7 Local Freight Trucks	\$8,500,505,000	7%
Item 7: Airport Ground Support Equipment <u>and Associated</u> (Charging Equipment)	\$3,200,000	2.5%

Item 8: Forklifts and Port Handling Equipment	Up to \$1,000,000	Up to 1%
Item 9: Light Duty Zero Emission Vehicle Supply Equipment	\$19,200,000	15%
Item 10: Diesel Emission Reduction Act (DERA) Option*	Up to \$10,000,000	Up to 8%
Administrative Costs (excluding Item 9)	Up to \$10,900,000	Up to 8.5%
Mitigation Trust Funding Totals	\$127,701,807	100%

* Approximately \$4.1M of the Item 10, DERA Option, represents a set aside for future projects currently not identified

DEC estimates that approximately 1,400 existing diesel-powered vehicles/pieces of equipment would be replaced or re-powered based on the projects envisioned in Table 1. The Plan would devote at least 60% of the funding towards electrification projects, involving school buses, transit buses, medium- and heavy-duty trucks, airport ground support equipment and associated charging infrastructure, port handling equipment, and light-duty electric vehicle charging equipment. DEC has not proposed funding for any Ocean Going Vessel Shorepower projects (Item 5) due to limited interest received to date.

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Item 7. Airport Ground Support Equipment and Associated Charging Equipment

\$3.2 million funding, up to 151 37 tons of NOx reduced, 77 8 dual port charging stations to support up to 154 16 all electric airport ground support equipment

Based on input provided by the Port Authority of New York and New Jersey (PANYNJ), this Plan proposes to provide ~~partial~~ full funding for approximately ~~77 8 dual~~ port charging stations to support All-Electric ground support equipment (GSE) used to service aircraft at New York City area airports. This Plan also proposes to provide up to 75% funding for approximately 154 ~~These charging stations will be used to charge 16 pieces of electric-powered GSE that replace existing diesel-powered and gasoline-powered GSE.~~

Consistent with the requirements of the VW Settlement, PA-NYNJ will require a commitment that owners of the GSE will repower or replace and scrap existing GSE.

Implementation of this project will provide substantial cost-effective NOx reductions in the areas surrounding NY airport, often in proximity to EJ areas. DEC projects NOx emission reductions of ~~454~~ 37 tons over a 10-year vehicle lifetime.

