



Funding
Your Way
into a
Greener
Truck

New York Truck – Voucher Incentive Program

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NYC COMMERCIAL REFUSE **CLEAN** TRUCK WORKSHOP

THURSDAY, FEB. 27, 2014

Going **Green** is a Business **Opportunity**

Integrating **Clean Vehicle Technologies** into Your Fleet is an excellent way to –

- Improve efficiency and maintenance
- Reduce fuel consumption
- Promote business sustainability
- Build healthier NYC communities



Overview

- I. What is NYT-VIP
- II. How it Works
- III. Funding Options & Eligible Technologies
- IV. How to Participate
- V. Contact the VPC Today!

Launched on August 9, 2013



NYT-VIP Informational Workshop
on September 9, 2013
at Frito Lay, Brooklyn, NY

I. What is NYT-VIP

- \$19 Million Incentive Program
 - Alternative Fuel Vehicles
 - Diesel Emission Control Devices
- 3 Year CMAQ Funded Program
- Partnership between NYSERDA, NYSDOT, NYCDOT and CALSTART
- First Come – First Served!

Goals and Objectives

- Technology Advancement
- Partnership Development
- Clean Air and the Environment
- Energy Independence
- Global Leadership



II. How NYT-VIP Works

OEMs, Vendors and Fleets are Invited to Participate!

How it works -

OEMs – Seek approval for “Vehicle Eligibility”

Vendors – Become an “Approved Vendor”

Fleets – Work with an “Approved Vendor” to submit a Voucher Request

A Streamlined Approach

...how it works (continued)

- Offer incentives through a purchase voucher
- Cost of technology reduced at time of purchase
- Approved Vendor submits a Voucher Request
- Use of pre-established Voucher amount
- Voucher Redemption upon vehicle delivery

III. Funding Options & Eligible Technologies

New York Truck – Voucher Incentive Program (NYT-VIP)

Comprises of Three Funds:

1. New York State Electric Vehicle – Voucher Incentive Fund (NYSEV-VIF)
2. New York City Alternative Fuel – Voucher Incentive Fund (NYCAFV-VIF)
3. New York City Diesel Emission Reduction – Voucher Incentive Fund (NYCDER-VIF)

NYCAFV-VIF: *Efficient and Clean Alternatives* **[EVs, Hybrid-Electric, CNG, & CNG Conversions]**

- \$6 Million for Alternative Fuel Vehicles
- 80% Incremental Not to Exceed \$40,000
- Class 3 to Class 8 (GVWR 10,001 lbs. and higher)
- Private Fleets
- Domiciled and Operate 70% time in five boroughs of NYC



NYCDER-VIF: *Emission Solutions for Cleaner Air* **[Level 1, 2 and 3 DECDs]**

- \$4 Million for Diesel Emission Control Devices
- 80% of Total Cost of Technology and Installation
- Class 3 to Class 8 with Engine MY 2006 and Older
- Private and Non-Profit Fleets
- Domiciled and operate 70% time in five boroughs of NYC



Diesel Emission Control Devices (DECDs)

Diesel Oxidation Catalyst (DOC)

Catalyzes a chemical reaction to break down pollutants by oxidizing HC and CO into CO₂ and water.

- Level 1 Technology
- Reduces PM by 25%
- Class 3 to Class 8
- Vehicle with Engine Model Year 1994 to 2006 that does not already have a DOC installed

Diesel Particulate Filter (DPF)

Catalytic material allows the trapped PM to be burned-off or oxidized using heat from the exhaust gas.

- Level 3 Technology
- Reduces PM by 85%
- Class 6 to Class 8
- Vehicle with Engine Model Year 1994 to 2006
- Exhaust Temperature Data-logging Required
- Regular Maintenance Required

IV. How to Participate

- Your **Five** NYT-VIP Must Haves
- NYT-VIP Application Process
 - OEMs
 - Vendors
 - Fleets
- Voucher Request & Redemption Process
- Semi-Annual Reporting

5 NYT-VIP must-haves!

...how to participate (continued)

1. NYT-VIP Website (<https://truck-vip.ny.gov>)
2. Vehicle or Technology Eligibility
3. Implementation Manual
4. Needed Forms and Information
5. Voucher Processing Center

[Andrew M. Cuomo, Governor](#)
[Richard L. Kauffman, Chairman](#)
[John B. Rhodes, NYSERDA President and CEO](#)



NEW YORK TRUCK Voucher Incentive Program®

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Welcome to NYT-VIP!

New incentives are available to help New York fleet owners transition their fleets into *cleaner, more efficient* and *cost effective* alternative fuel vehicles!

To promote clean air and a sustainable future for New York's transportation system, the **New York Truck – Voucher Incentive Program (NYT-VIP)** aims to accelerate the integration of advanced vehicle technologies in the commercial truck and bus sectors. The NYT-VIP is an important partnership between the New York State Energy Research and Development Authority (NYSERDA), New York State Department of Transportation (NYSDOT), New York City Department of Transportation (NYCDOT), and CALSTART.

News and Events

February 27 and 28th

Diesel Retrofit Boot Camp

February 28, 2014, 9 a.m. to 5 p.m.

Columbia University

Hosted by Emissions Advantage in partnership with NYSERDA and Columbia University

Private fleets and truck owner operators are invited to



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NYSEV-VIF "All-Electric" Vehicle Eligibility List

Below, are the Eligible Vehicles offered through the **New York State Electric Vehicle – Voucher Incentive Fund (NYSEV-VIF)**.

New York State Electric Vehicle - Voucher Incentive Fund VEHICLE ELIGIBILITY LIST								
OEM	VEHICLE	MODEL YEAR	GVWR	VEHICLE COST	CONVENTIONAL	INCREMENTAL *	INCENTIVE **	WEBSITE
AMP Trucks, Inc.	E-100 Workhorse Electric Walk In Van with 100 kWh	2013	14,001 to 19,500	\$133,000	\$58,000	\$75,000	\$60,000	http://ampelectricvehicles.com
Boulder Electric Vehicle	PS-500, Zero Emission MD Personal Shuttle with 72 kWh Lithium Battery	2013	10,001 to 14,000	\$155,000	\$60,000	\$95,000	\$56,000	http://www.boulderev.com
Boulder Electric Vehicle	DV-500, Zero Emission MD Delivery Van with 72 kWh Lithium Battery	2013	10,001 to 14,000	\$130,000	\$50,000	\$80,000	\$60,000	http://www.boulderev.com
Boulder Electric Vehicle	SB-500, Zero Emission MD Service Body Vehicle with 72 kWh Lithium Battery	2013	10,001 to 14,000	\$134,000	\$60,000	\$74,000	\$59,000	http://www.boulderev.com
Boulder Electric Vehicle	FB-500, Zero Emission MD Flatbed Vehicle with 72 kWh Lithium Battery	2013	10,001 to 14,000	\$130,000	\$60,000	\$70,000	\$56,000	http://www.boulderev.com
Electric Vehicle	Zero Emissions Walk In Van with 100 kWh Lithium	2013	19,501 to	\$133,000	\$58,000	\$75,000	\$60,000	http://www.amp.com

Fleets

Benefit from NYT-VIP Incentives!

Fleet Eligibility:

- Class 3 to Class 8 Trucks/Buses (Leased or Owned Vehicles)
- Regular Service in Specified Non-Attainment Areas
- No more than 25% of Fund
- Submit Annual Fleet Usage

New York State Fund

- Public, Private, & Non-Profit

NYC Funds

- Private & Non-Profit

How to Apply:

1. ID Eligible Vehicle/DECD on Website
2. Work with Approved Vendor
3. Submit Voucher Request through Approved Vendor

Program Sustainability

Ensure Compliance to Meet Clean Air Goals

Fleet Semi-Annual Reporting Requirements

- Fleet Owner/Leased Operator Submit Semi-Annual Report
- 3 Years Reporting Timeline
- Information Requested on VMT, Proof of Vocation, and Fuel Consumption or Maintenance of DECD

V. Contact the VPC Today!

3 - Ways to Obtain Information and Support!

1. NYT-VIP Website (<https://truck-vip.ny.gov>)
2. Toll Free Hotline – (855) MY-NYT-VIP or (855) 696-9884
3. Email – info@MYNYT-VIP.com

The **Voucher Processing Center (VPC)** is here to help!

Natural Gas Infrastructure

PON 2818 CNG Infrastructure

- Program for CNG infrastructure as a follow-on to NYSERDA CNG outreach for local delivery trucks and refuse haulers.
- 50% up to \$300,000 or 25% up to \$500,000 for publically accessible CNG stations
- Released by end of March 2014.

Save the Date!



Northeast Regional **HTUF** Fleets Workshop and *Ride and Drive*

Wednesday, April 16, 2014

Queens Theatre, Flushing Meadows Park, Queens, NY

Visit www.calstart.org and <https://truck-vip.ny.gov> for more information!

