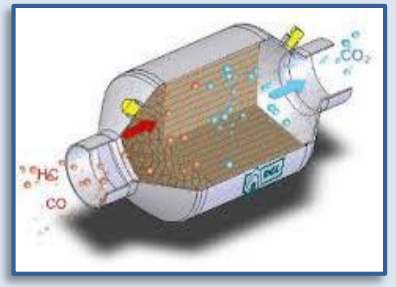
Welcome to the
New York Clean Truck Incentives Webinar!
December 12, 2013



Today's Goals and Objectives

- Present Funding Initiatives for Clean Trucks
- Provide Important Information to Participate
- Promote the Adoption of Clean Vehicle Technologies
- Inspire Partnership Development
- Build Cleaner and Sustainable NY Communities

Thanks to our Friends!

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Northeast
Diesel Collaborative

UNITED STATES • ENVIRONMENTAL PROTECTION AGENCY

NEW YORK CITY DOT

Webinar Presenters

New York Truck – Voucher Incentive Program

Alycia Gilde, Project Leader, CALSTART

$19 Million for Alternative Fuel Vehicles and Retrofits

Hunts Point Clean Trucks Program

Susan McSherry, Program Manager, NYCDOT

$15 Million for New Diesel, Alt. Fuels Vehicles and Retrofits

Micro-Lending for Clean Trucks

Marco Fiallos, Loan Consultant, ACCION

Low-Interest Loans and Grants for New Trucks and Retrofits

New York Truck Voucher Incentive Program

Alycia Gilde, NYT-VIP Project Leader, CALSTART

Overview

I. What is NYT-VIP

II. How it Works

III. Funding Options & Eligible Technologies

IV. How to Participate

V. Contact the VPC Today!

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Launched on August 9, 2013

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

II. 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!

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Goals and Objectives

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

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III. 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

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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

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IV. 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)

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NYSEV-VIP: *Advancing All-Electric Vehicles*

Now Accepting Vouchers!

- $9 Million for EVs
- 80% Incremental Not to Exceed $60,000
- Vehicle Class 3 to Class 8 (GVWR 10,001 lbs. and higher)
- Private, Public and Non-Profit Fleets
- Domiciled and Operate 70% time in 30 Non-Attainment NY Counties

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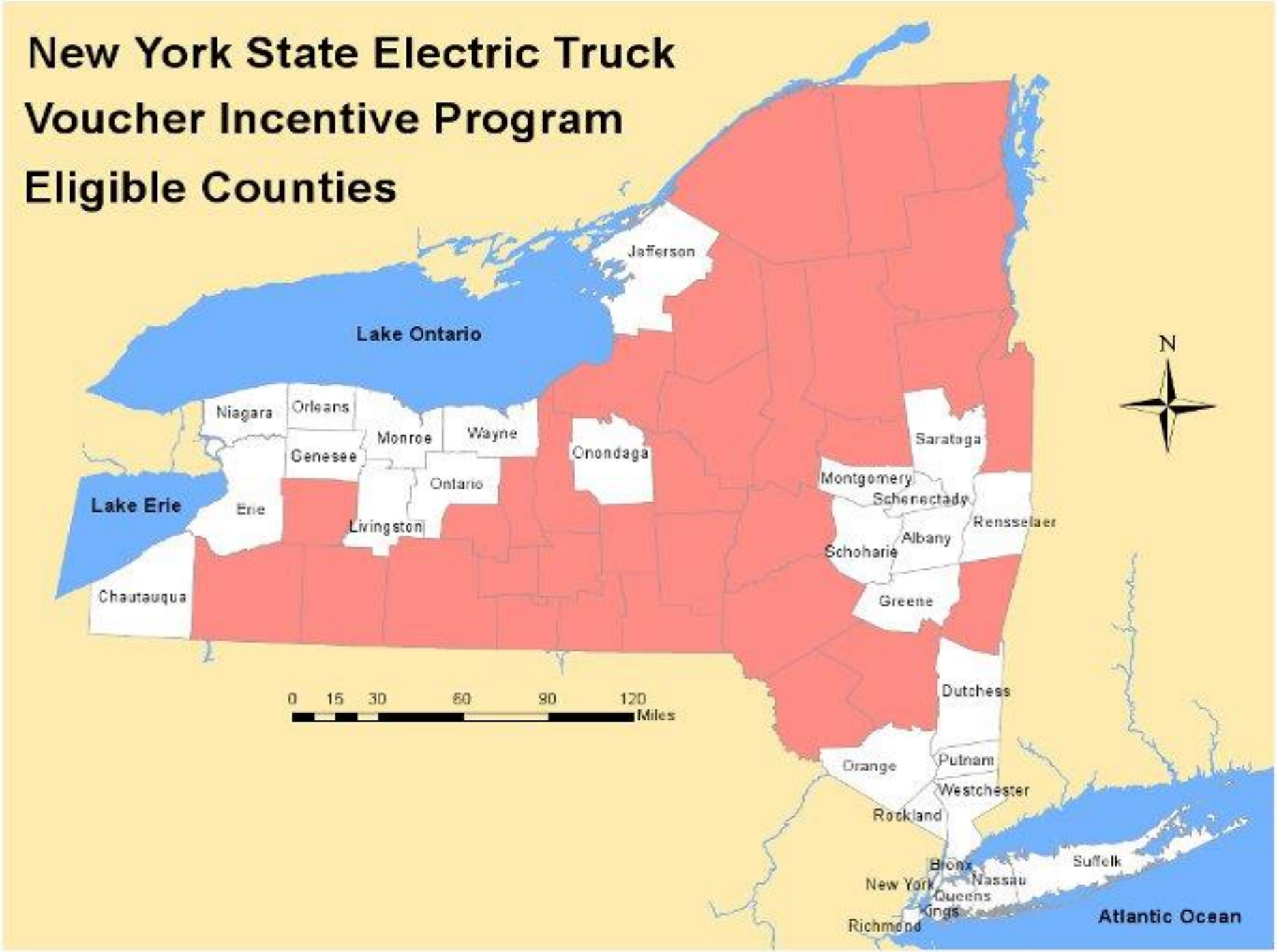
New York State Electric Truck Voucher Incentive Program Eligible Counties



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 and Non-Profit Fleets
- Domiciled and Operate 70% time in five boroughs of NYC

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NYCAFV-VIF: *Important to Keep in Mind…*

- Program Fund Launching Soon!
- Bi-Fuel or Dual Fuel are NOT Eligible Technologies
- Will NOT Accept Purchase Orders with Date's Prior to Program Release
- A Vendor Approved for NYSEV-VIF Must Also Be Approved for NYCAFV-VIF

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

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IV. How to Participate

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

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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

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Manufacturers

Have Your Vehicle Approved for Vehicle Eligibility!

Who Can Apply:

OEMs – EVs, Hybrid-Electric, CNG Vehicles and DECDs

How to Apply:

1. Download Vehicle Eligibility Form
2. Submit Form and Incremental Cost Information to VPC
3. Contact VPC for Support

Needed Information:

- **Vehicle Eligibility Form**
  - Alternative Fuel Vehicle
  - Diesel Counterpart
- Incremental Cost
- MSRP Price Sheets
- Warranty Provisions
- After Sales Service

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Vendors

Become an Approved Vendor to Submit a Voucher Request!

Who Can Apply:

A vehicle or equipment supplier or dealer, conversion company, or OEM factory.

How to Apply:

1. Download Vendor Application Packet
2. Submit Complete Application to VPC
3. Contact VPC for Support

Needed Information:

- Vendor Request Form
- Vendor Agreement
- W-9 Form
- EFT Bank Form

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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 than25% 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

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Voucher Request

Submit a Voucher Request:

1. Download Voucher Request Form
2. Complete Voucher Request with Fleet (Vehicle Purchaser)
3. Submit to VPC for Pre-Approval
4. Once Pre-Approved, Submit Sign Documents and Forms
5. Contact VPC for Support

**** Note: Incentive funding is reserved for the requester at the time of voucher request.***

Needed Information:

- **Voucher Request Form**
- **Vehicle Purchaser T&C**
- Vehicle Purchase Order
- Expected Delivery Date
- VIN
- Vehicle Serial Number
- Fleet Vocation
- Use of Other Incentives

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Voucher Redemption

Once Vehicle Purchaser Receives New Vehicle

Redeem a Voucher:

1. Download Voucher Redemption Form
2. Submit Complete form to VPC for Pre-Approval
3. Once Pre-Approved, Submit Sign Documents and Forms
4. Contact VPC for Support

Needed Information:

- **Voucher Redemption Form**
- Vehicle's Delivery Bill of Landing
- Final Signed Invoice
- DMV Registration
- DMV Tags
- Vehicle Line Setting Ticket
- Vehicle Inspection Report

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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

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!

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Hunts Point
CLEAN TRUCKS PROGRAM
Cleaner Trucks for a Greener South Bronx

Hunts Point Clean Trucks Program

New York Clean Truck Incentives Webinar

Susan McSherry (NYCDOT)

Thursday, December 12, 2013

NEW YORK CITY DOT

Presentation Overview

Hunts Point
CLEAN TRUCKS PROGRAM
Cleaner Trucks for a Greener South Bronx

I. Goals & Objectives

II. Funding Background & Target Audience

III. Program Eligibility

IV. Program Requirements

V. Clean Truck Options

VI. Application Submission & Vendor Network

VII. Program Progress & Emission Reductions

Goals & Objectives

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Cleaner Trucks for a Greener South Bronx

NYCDOT'S Vision

- Promote Sustainable Transportation
- Reduce Diesel Pollution and Improve Air Quality and Public Health
- Create a Prosperous and Healthy South Bronx Community

Hunts Point CLEAN TRUCKS PROGRAM
Cleaner Trucks for a Greener South Bronx

Rebate Funding & Target Audience

- U.S. Federal Highway Administration (FHWA) Congestion Mitigation and Air Quality Improvement Program (CMAQ)

- Program Targets Truck Owners with Class 3 to Class 8 Trucks - Engine Model Year 2006 or Older

Program Eligibility – Vehicle Classes

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Program Eligibility

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- Proof of one year history of regular service in Hunts Point and/or Port Morris
- Program Requires 5 Year Commitment (3 Year Commitment for Retrofits)
- Automatic Vehicle Locator (AVL) /Global Positioning System (GPS) Installation on New Truck

Vehicle Miles Traveled Requirements

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- Vehicle Miles Traveled (VMT) Requirements
  - 60 % of VMT must be within the New York City area, and operate within Hunts Point and/or Port Morris at least two times per week

  OR

  - 85 % of VMT must be within the Non-attainment Areas of Bronx, Kings, New York, Queens, Richmond, Nassau, Putnam*, Rockland, Suffolk, and Westchester counties, and operate within Hunts Point and/or Port Morris at least three times per week

*Putnam County is in Nonattainment for Ozone only

Vehicle Miles Traveled (cont.)

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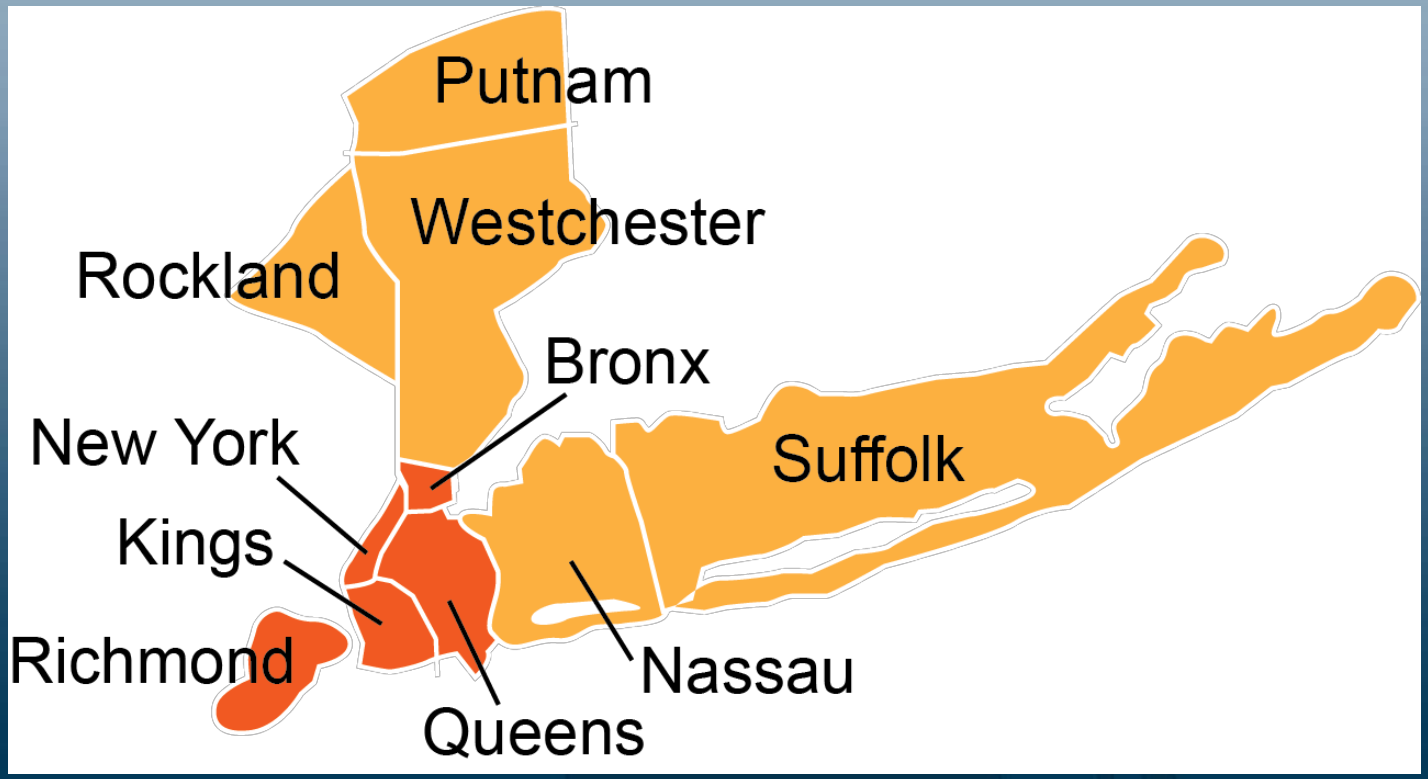

Red = 60 % of vehicle miles traveled & visit HP/PM 2 times per week
Orange = 85% of vehicle miles traveled & visit HP/PM 3 times per week

*** Putnam County is in Nonattainment for Ozone only.**

Clean Truck Technology

Requirements

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- **Vehicle Replacement**
  - Must meet 2010 EPA emissions standards (Diesel, Diesel Hybrid, BEV, and CNG)
  - Must be purchased through dealer in program's Vendor Network
  - Must adhere to the Federal Highway Administration's Buy America Provision
- **Exhaust Retrofit Technologies (EPA/CARB Verified)**
  - Level 1 or Level 3 (Technology assessment required)
  - Trucks with Engines Model Year 1994 to 2006
  - Must be installed through OEM in program's Vendor Network

Scrappage & Retrofit Requirements

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- Mandatory Scrappage for Diesel to Diesel Replacement
- Mandatory Scrappage or Retrofit for Diesel to Alt. Fuel Replacement for a Truck with Engine MY 2003 or Older
- Voluntary Scrappage or Retrofit for Diesel to Alt. Fuel Replacement for a Truck with Engine MY 2004 to 2006

Program Options

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- Voluntary Scrap Program
- Exhaust Retrofit Technologies
- Diesel to Diesel Replacement
- Diesel to Alternative Fuel Replacement (Diesel Hybrid, CNG, BEV)

Voluntary Scrap Program

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Vehicle Eligibility

- Voluntary scrap of older truck
- Class 3 to Class 8 diesel truck with engine Model Year (MY) 2006 and older

Rebate Amount

- Receive from $2,500 to $5,000 to scrap your older truck
- Rebate funding amount varies by vehicle class
- No additional obligations to program

Exhaust Retrofit Technologies

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* ***100% Rebate for Technology and Installation***

Diesel Oxidation Catalyst (DOC)

- Level 1 Technology
- Reduces Particulate Matter by 25%
- Class 3 to Class 8 Diesel Truck
- Truck with Engine Model Year 1994 to 2003

Diesel Particulate Filter (DPF)

- Level 3 Technology
- Reduces Particulate Matter by 85%
- Class 6 to Class 8 Diesel Truck
- Truck with Engine Model Year 1994 to 2006
- Exhaust Temperature Data Logging Required
- Regular Maintenance Required

Diesel to Diesel Replacement

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Vehicle Eligibility

- Class 3 to Class 8 diesel truck with engine Model Year (MY) 2006 or older
- Purchase truck with engine MY 2010 or newer
- Required to scrap older truck

Rebate Amount

Truck with Engine MY 2003 and Older

- Rebate amounts ranging from $12,000 for Class 3 truck up to $34,000 for Class 8 truck

Truck with Engine MY 2004 to 2006

- Rebate amounts ranging from $15,000 for Class 3 truck up to $43,000 for Class 8 truck

Alternative Fuel Vehicles

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Vehicle Eligibility

- Class 3 to Class 8 diesel truck with engine Model Year (MY) 2006 or older
- Purchase truck with engine MY 2010 or newer
- Truck equipped with engine MY 2003 and older is required to scrap or retrofit older truck
- Truck equipped with engine MY 2004 to 2006, scrap or retrofit is voluntary

Rebate Amount

- Rebate amounts ranging from $25,000 for Class 3 truck up to $70,000 for a Class 8 truck
- Truck with engine MY 2004 to 2006 is eligible for scrap or retrofit incentive

Submit Your Application

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Cleaner Trucks for a Greener South Bronx

There are 3 Ways to Submit Your Application

- Email: hpctp@tetratech.com
- Fax: (212) 244 – 8536
- Mail: Hunts Point Clean Trucks Program
  505 8th Ave, Suite #2503
  New York, NY 10018 – 4505

Vendor Network

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Cleaner Trucks for a Greener South Bronx

- There are over 47 Approved Vendors in the Network including:
  - Dealerships
  - Scrap Yards
  - Exhaust Retrofit Vendors

If You are Interested in Becoming an Approved Vendor:

- Email: hpctp@tetratech.com
- Call: 877.310.2733

Program Progress

Hunts Point
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Cleaner Trucks for a Greener South Bronx

Hunts Point CTP Launch - January 2012

Program Progress

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Program Progress

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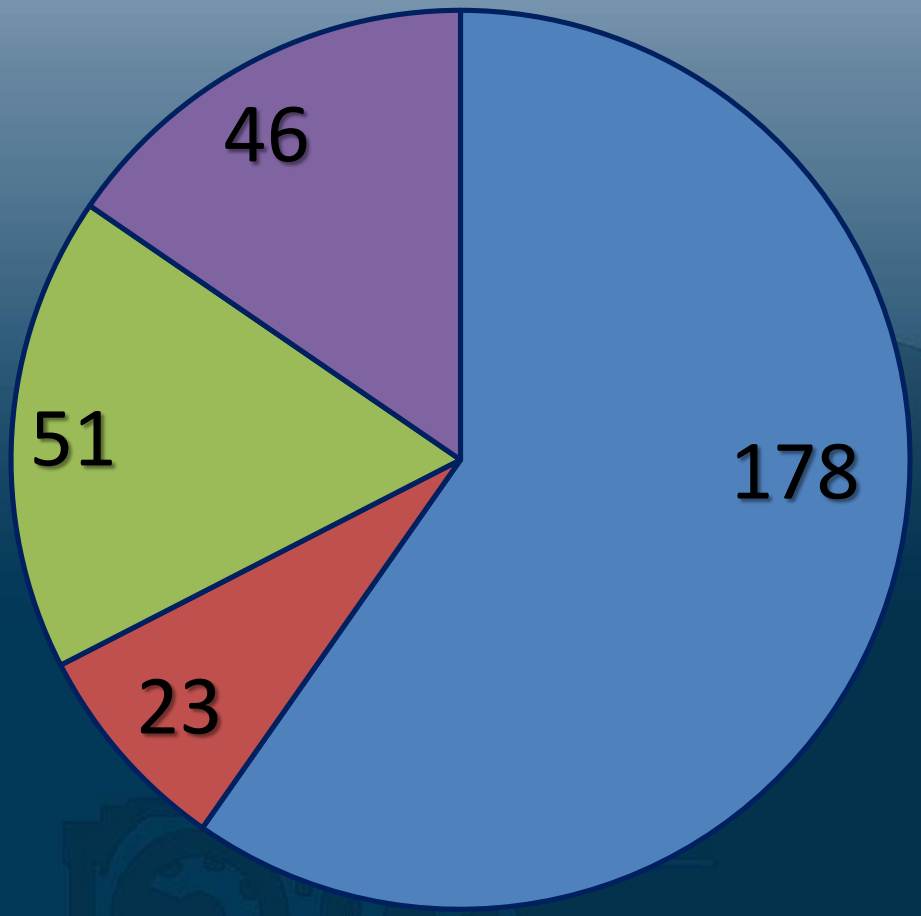
Cleaner Trucks for a Greener South Bronx

Total Number of Trucks as of November 2013

Replacement and Retrofit, Scrappage Only, Ordered, Pipeline



- Funded Replacement and Retrofit
- Funded Voluntary Scrappage Only
- Ordered
- Pipeline

***Replacement Trucks*: 274**

Diesel: 231
CNG: 33
Hybrid: 10

Total: 298 Trucks

Emissions Results Summary

As of November 2013

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Cleaner Trucks for a Greener South Bronx

Annual	No_x (short tons/year)	$PM_{2.5}$ (short tons/year)	HC (short tons/year)	CO (short tons/year)	CO_2 (short tons/year)	Diesel-Equivalent (gallons/year)
Percent Reduced* (%)	86.8%	96.2%	84.7%	78.4%	10.9%	10.9%
Amount Reduced/ Year	124.5	6.9	8.8	42.5	1,761.9	158,729.7

Thank You!

Hunts Point
CLEAN TRUCKS PROGRAM
Cleaner Trucks for a Greener South Bronx

Helpline: 877.310.2733

www.huntspointctp.com

Reducing Emissions, Promoting Health, Creating Futures

Marco Fiallos
Loan Consultant

December 12, 2013

“For the first time in years, I have been able to catch up with my bills and fully support my family.”
-Yancy Estrada, Independent Owner Operator

ACCION

Summary of Program Impact

Truck Replacement Program

- 176 trucks
- $5,875,891 lent

Truck Retrofit Program

- 31 trucks
- $1,069,645 lent

Total

- **207 trucks**
- **$6.9 million lent**

Lessons Learned

EPA	Port Authorities	Partners / Non-Profits
Active participation key Flexibility on how goals are achieved	Partner with local organizations Emphasize process creation Use sticks as well as carrots Build tracking methodology / dashboard Focus on where to house the project manager Invest in legal resources	Budget for creation phase of project Understand the technology Insure additional staffing for program Create off-balance sheet capital solutions

ACCION

Contact

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www.accionusa.org

ACCION

Upcoming Events

HTUF
High-Efficiency Truck Users Forum

Northeast Regional HTUF Fleet 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!

Contact Us!

New York Truck – Voucher Incentive Program
Alycia Gilde, Project Leader, CALSTART
Toll Free Hotline – (855) MY-NYT-VIP or (855) 696-9884
Email – info@MYNYT-VIP.com
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