

Hunts Point

CLEAN TRUCKS PROGRAM

Cleaner Trucks for a Greener South Bronx



Hunts Point Clean Trucks Program Fact Sheet

OVERVIEW

The Hunts Point Clean Trucks Program (HPCTP or Program) is a first-come, first-served voluntary clean trucks program initiated by the New York City Department of Transportation (NYCDOT) to provide rebate incentives to truck owners that are based and/or operate regularly in the South Bronx communities of Hunts Point and Port Morris. The Program offers rebate incentives to install diesel exhaust retrofit technologies, or to replace older trucks with a model year 2016 or newer truck with a 2010 U.S. Environmental Protection Agency (EPA) emission compliant or newer diesel or alternative fuel engine (hybrid diesel-electric, compressed natural gas [CNG], or battery electric vehicle [BEV]).

GOALS AND OBJECTIVES

To promote “Cleaner Trucks for a Greener South Bronx,” the HPCTP aims to replace and improve the emissions of older diesel trucks that frequently serve the food distribution facilities, transfer stations, and other local businesses in Hunts Point and Port Morris. The NYCDOT HPCTP offers truck owners cost effective incentives to replace older trucks and promote clean air, public health, and a prosperous South Bronx.

ELIGIBILITY CRITERIA

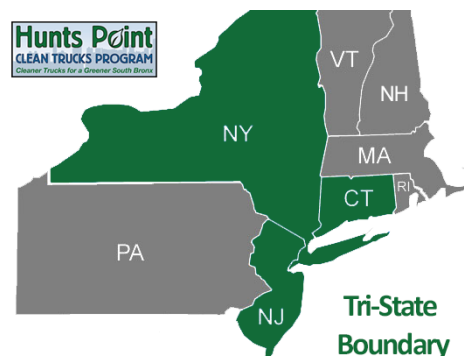
- Currently own a Class 3 to Class 8 diesel truck equipped with an engine Model Year (MY) 2006 or older and provide proof of service to Hunts Point and/or Port Morris communities for one (1) year.
- Mandatory scrappage of old truck when replacing with a diesel truck or an alternative fuel truck.
- Commit to the Program for five (5) years for truck replacement. Commit to the Program for three (3) years for diesel exhaust retrofit technology installation.
- Be domiciled and/or regularly operate in Hunts Point or Port Morris.

The Replacement Truck or Qualifying Truck, with an Exhaust Retrofit Technology installed, must meet and maintain seventy (70) percent of their total vehicle miles traveled within the Tri-State area of New York, New Jersey, and Connecticut state geographic boundaries, and must operate within the Hunts Point and/or Port Morris communities at least two (2) times per week each year during the participant agreement period.

CLEAN TRUCK OPTIONS

If you are a truck owner or fleet owner/operator and meet the eligibility criteria, you may apply for one of the following options:

- **Exhaust Retrofit Technology** – Diesel exhaust retrofit technology rebate amounts will be reviewed on a case-by-case basis.
- **Diesel to Diesel Truck Replacement** – Rebate Incentive caps ranging from \$10,000 for a Class 3 truck up to \$30,000 for a Class 8 truck (scrapping older truck is required).
- **Diesel to Alternative Fuel Truck Replacement** – Rebate Incentive caps ranging from \$17,000 to \$90,000 for a Diesel-Electric Hybrid, Compressed Natural Gas, or Battery Electric Truck (scrapping older truck is required).
- Up to \$10,000 additional incentive is available for a near zero emission natural gas engine.

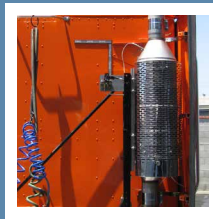


ADVANCED TRANSPORTATION TECHNOLOGIES AND ALTERNATIVE FUEL TRUCKS

Exhaust Retrofit Technologies:

Exhaust retrofit technologies can be installed on existing internal combustion engines for vehicles to reduce exhaust emissions, including particulate matter (PM), hydrocarbons (HC), carbon monoxide (CO), and other air pollutants. Some examples include:

- **Diesel Oxidation Catalyst** – This exhaust aftertreatment technology catalyzes a chemical reaction to break down pollutants by oxidizing hydrocarbons and carbon monoxide into carbon dioxide and water.
- **Passive Diesel Particulate Filter** – This technology is designed to filter out diesel PM from the exhaust gas of a diesel engine. A catalytic material allows the trapped PM to be burned-off or oxidized using heat from the exhaust gas.
- **Active Diesel Particulate Filter** – This technology is better suited for low exhaust temperatures or engines with high PM emissions. Either an electric current or fuel injected at the catalyst is used to raise the catalytic temperature to the appropriate range to oxidize the PM trapped at the filter.



Hybrid Electric Diesel Truck:

A hybrid electric vehicle combines an electric propulsion system with an internal combustion engine to achieve improved fuel economy over a conventional vehicle. A hybrid electric vehicle produces fewer emissions than a diesel vehicle equivalent, with further reductions occurring when the internal combustion engine is shut down while the vehicle idles.



Compressed Natural Gas Truck:

A compressed natural gas vehicle is powered by the combustion of compressed natural gas (CNG) as an alternative to other fossil fuels. CNG is a cleaner burning fuel, significantly reducing carbon and particulate emissions during vehicle operation as compared to a diesel vehicle equivalent.



Battery Electric Vehicle:

A battery electric vehicle stores energy in rechargeable battery packs, utilizing an electric motor rather than an internal combustion engine for propulsion. Battery electric vehicles release zero tailpipe emissions, contributing no pollutants directly from vehicle operation.



PROGRAM FUNDING

NYCDOT was awarded funding by the Federal Highway Administration – Congestion Mitigation and Air Quality Improvement Program to fund the Hunts Point Clean Trucks Program. These funds will allow members of the trucking community in the South Bronx to replace their older vehicles with newer and cleaner trucks or improve their emissions through the installation of exhaust retrofit technologies.

ABOUT OUR TEAM

HPCTP is sponsored and managed by the NYCDOT. Tetra Tech Inc., Gladstein, Neandross & Associates (GNA), and Integrated Strategic Resources, LLC (ISR) have worked with the NYCDOT since 2011 as program partners. The HPCTP has replaced over 500 older heavy-polluting diesel trucks with 2010 EPA emission compliant diesel-hybrid, compressed natural gas, and diesel Class 3 to Class 8 trucks. These new trucks have resulted in significant environmental benefits by helping to improve air quality in the South Bronx.

