

DCAS Completes Renewable Diesel Rollout for Trucks and Off-Road Equipment

By Keith T. Kerman



This week, Mayor Adams [announced](#) that NYC has completed the rollout of renewable diesel for its trucking and off-road fleet, reducing 162 million pounds of carbon dioxide emissions each year from entering the atmosphere. In a newly released [video](#), the Commissioners of DCAS, DSNY, and FDNY discussed the importance of the rollout, which impacts over 12,000 City trucks and off-road equipment pieces. DCAS [announced](#) the start of the initiative in November 2023 and is the first large-scale implementer of renewable diesel on the East Coast of the United States.

DCAS no longer uses fossil diesel fuel for in-house fuel sites. The fuel used is 95% renewable diesel and 5% biodiesel. The initiative covers emergency and non-emergency equipment and on- and off-road vehicles. The fleet has used over 16 million gallons of renewable diesel since September 2023, including for the entire winter snow season at Sanitation. Emergency vehicles from NYPD and FDNY still have as-needed access to retail regular diesel if required for specific operational situations.

DCAS has sourced all renewable diesel from used cooking oil or waste animal fats. These are waste products that would otherwise be landfilled or repurposed. In the production cycle, these fuels reduce greenhouse gas emissions by over 60% and air quality emissions from 15 to 35%. The fuel also eliminates aromatics: renewable diesel doesn't smell like regular diesel.



DCAS is the first organization on the East Coast to use renewable diesel on a large scale. The fuel is used extensively in California and other West Coast states that employ Low Carbon Fuel Standard (LCFS) policies. DCAS Fleet is also researching additional possible uses of renewable diesel and will have more to say in future newsletters.

In May 2024, DCAS announced it was on pace to achieve 50% greenhouse gas reduction by 2025, as committed to in the [NYC Clean Fleet plan](#). Renewable diesel is a big part of that.

Through Local Law 140 of 2023, the City has committed to an all-electric fleet by 2035 for light and medium duty units and 2038, if feasible, for heavy-duty, emergency, and specialized. DCAS continues to make progress on electrification, leading NY State with 5,300 electric vehicles and 2,100 charging ports. There are not, however, viable electric options for many operations, including plowing, stormwater management, and fire and police emergency response. Until electric solutions develop in these areas, DCAS will employ renewable diesel to make progress on emissions.

Thanks to State DEC, FDNY, DCAS, DSNY, and all the fleet agencies for supporting this initiative. NYC began testing and using biodiesel blends at NYC Parks in 2005 for fleet. We have now replaced all fossil fuels in trucking and off-road equipment with biofuels.



The City and its union offer **free** flu shots to municipal employees and their families. All employees, dependents, and pre-Medicare retirees eligible for New York City health benefits are covered to receive a flu vaccination at no cost. For information about how you can **fight the flu with free and convenient flu shots**, visit:

on.nyc.gov/wwnycflu

VISION ZERO

Building a Safer City



Wednesday, October 30th, 2024

Queens Theatre, Flushing Meadows Corona Park

DCAS and Together for Safer Roads invite you to the 2024 Vision Zero Fleet Safety Forum!

The event will bring together leading stakeholders from public and private fleets, innovative safety technology companies, policy experts, and road safety advocates for an exciting day of speeches, panel discussions, and breakout sessions.

Join us as we discuss how to systematically build safety into our roads, vehicles, and fleet operations.

The event is free and includes breakfast and a networking lunch.

Event Schedule:

Networking
breakfast begins:

7:30 a.m.

Program begins:

8:30 a.m.

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10 Years of Vision Zero: Part 5 - Leading by Example



Hear from Eric

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Sign up to "Hear From Eric" and get direct messages from City Hall, tailored to your interests and neighborhood, sent directly to your inbox - at nyc.gov/hearfromeric!

Week in Review | September 22 - September 28



Just this past week, we built on the progress laid out in our recent [Mayor's Management Report](#), laying out an even brighter future for our public school kids AND securing millions in funding for two important infrastructure projects. Years down the road, people are going to remember the work you all did to build a fairer, more affordable, and GREENER future. I know New Yorkers are thankful for the work we're doing today to improve their quality of life and keep their families safe.

And we're going to continue working together to double-down on our efforts.

Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 471, September 20, 2024:](#) Fleet Updates: NY State Inspection Program

[NYC Fleet Newsletter 470, September 13, 2024:](#) Fleet Spotlight: Muhammad Nadeem, Fleet Services

[NYC Fleet Newsletter 469, September 6, 2024:](#) Federal Support of NYC's Fleet Innovation

[NYC Fleet Newsletter 468, August 30, 2024:](#) Recognizing Fleet Staff on this Labor Day

Check out the [complete archive](#).

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