

## Federal CMAQ Funds Support Fleet Electrification

By: Keith T. Kerman

In a [fleet newsletter from Sept. 2021](#), we discussed the support received from the New York State Department of Environmental Conservation and Con Edison towards our fleet electrification program. The largest grant program by far aiding our fleet sustainability efforts has been the Congestion Mitigation and Air Quality Improvement Program (CMAQ). This week, CMAQ funding has helped the City complete its first order of seven all-electric garbage trucks for the City of New York Department of Sanitation (DSNY).



CMAQ is administered by the Federal Highway Administration at the U.S. Department of Transportation (DOT). In NYC, the Alternative Fuels Unit at NYC DOT administers the program for fleet, working with New York state DOT, DCAS, and our major fleet agencies. Director of Alt. Fuel Programs Susan McSherry and Director of EV Policy Mark Simon have led the CMAQ initiative at NYC DOT since coming over from the NYC Department of Environmental Protection (DEP) in 1997, directing more than \$90 million in federal funds to support the City's Clean Fleet initiative and other clean transport initiatives. Among other provisions, CMAQ only supports technologies that are made in America and require matching support from the recipient agency.

CMAQ has been the largest and longest supporter of our fleet electrification and sustainability efforts, with CMAQ fleet grants going back to early natural gas efforts in 1994. DCAS, the NYC Parks Department, the NYC Fire Department, DSNY, DOT, DEP, and other city agencies have all benefitted from CMAQ support.

Among many earlier projects, CMAQ supported the retrofitting of over 1,000 City trucks with diesel particulate filters to reduce harmful air quality emissions. These retrofits were required by Local Law 39 of 2005 and 77 of 2003. CMAQ supplied support to our earliest efforts to introduce all-electric light-duty vehicles including Honda EV Plus vehicles for NYPD in Central

Park, Nissan Leafs for citywide use through DCAS, and installation of our early ChargePoint charging network.



More recently, CMAQ funding has been critical to the rollout of hybrid plug-in alternative power units on FDNY ambulances. CMAQ provided \$4 million to support the electrification of our City ambulances. Currently, 479 ambulances operate with the hybrid plug-in technology with an additional 136 on order. This technology has reduced fuel use and maintenance costs and lessened harmful emissions from idling. CMAQ has helped offset the entire cost of this project.

This week, CMAQ funds helped DSNY and DCAS complete the first order of seven all-electric garbage trucks for DSNY. CMAQ supplied \$1.078 million to complete this project following the successful demonstration of an electric truck conducted in partnership between Mack Trucks and DSNY. These seven will be the first City-owned all-electric garbage trucks; CMAQ is also supporting DCAS's purchase of light-duty all-electric vehicles for agencies citywide.

As per NYC DOT Director Susan McSherry, “this is exactly what we should be doing with these federal funds. Keep helping to advance technology in order to achieve our climate goals, and work toward parity with conventional fuels.”

DCAS thanks federal, state, and NYC DOT for this longstanding, essential, and continuing partnership as we strive toward a zero-emissions and more efficient fleet.

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### **Fleet, Please Give Blood!**



DCAS encourages all fleet staff to donate blood if you can. City of New York employees receive three hours of compensatory time for blood donations and it's an important way to give back.

For more information, reach out to your agency Human Resources division or to the [New York Blood Center](#).

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## 33rd Annual Equipment and Vehicle Show

### The 33rd Annual Equipment and Vehicle show

will highlight vendors who support NYC's Clean Fleet and Vision Zero initiatives, as well as daily operations.

This event is free to all exhibitors and attendees. RSVP forms will be available soon on [DCAS's fleet news page](#).



NYC Parks

## 33<sup>rd</sup> Annual Equipment & Vehicle Show

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## NYC Fleet Manual

The NYC Fleet Manual and Drivers Handbook has been updated. Please see the updated version at [NYC Fleet Manual and Drivers Handbook](#).

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## Fleet Vision International Quarter 1



The Fleet Vision International magazine for the first quarter of 2022 is out now. This edition features an article written by DCAS Deputy Commissioner and NYC Chief Fleet Officer Keith Kerman on the efforts that NYPD and other NYC law enforcement agencies are taking to go all-electric and hybrid.

[Fleet Vision International Q1 2022](#)

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## DCAS's Inside Citywide Podcast

DCAS's [Inside Citywide podcast](#) provides a behind-the-scenes look at New York City government. Episode 2 takes a look at the future of the City of New York's vehicle fleet as it transitions to all-electric by 2040.



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## COVID-19 Safety Reminder

For all fleet drivers, when interacting with others in close quarters such as within a vehicle, it is strongly recommended to wear a mask.

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## Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 383, March 14, 2022:](#) DCAS Launches Installation of 200 New EV Fast Chargers

[NYC Fleet Newsletter 382, March 7, 2022:](#) Fleet Spotlight: DCAS Claims Coordinator Veronica Rodriguez

[NYC Fleet Newsletter 381, February 22, 2022:](#) Fleet Spotlight: Shawn Alsop of NYPD's Transportation Division

[NYC Fleet Newsletter 380, February 11, 2022:](#) Fleet Spotlight: FDNY Auto Service Worker Donavan Etienne

[NYC Fleet Newsletter 379, February 4, 2022:](#) GM Conducts Electric Vehicle Training for City Mechanics

Check out the [complete archive](#).

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