

Electrifying Law Enforcement Vehicles

By: Keith Kerman

The City of New York has committed by Executive Order 90 to achieving an electric fleet by 2035 for light and medium-duty models. The largest part of the City's fleet are vehicles assigned to law enforcement agencies. There are currently 9,466 on-road vehicles assigned to law enforcement agencies, or 40% of the total on-road fleet. The largest is of course the New York City Police Department at 8,111 units. Other agencies with law enforcement vehicles include Correction, Sheriff, Sanitation, Environmental Protection, Parks, Investigation, Emergency Management, Probation, Taxi, the Business Integrity Commission, and DCAS.

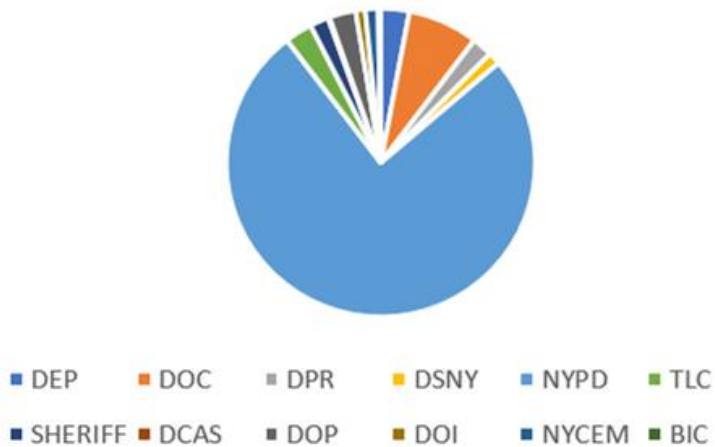


One of the New York City Police Department's Ford Mustang all-electric police units.

Law enforcement agencies have already begun this important environmental transition with over 3,000 vehicles that are hybrid or electric today, with 1,100 more on order. This is the largest alternative fuel policing fleet in the nation, likely the world. Of these, 625 are plug-in electric models with at least 446 more on order. By spring 2024, NYC will have

over 1,000 plug-in vehicles operating within law enforcement agencies. CBS News recently [featured](#) some of NYPD's new Ford Mustang all-electric police units. Models being deployed within NYC law enforcement today include the Ford Mach E, Ford E Transit, GM Bolt, Ford Hybrid Interceptor, Prius Prime, and the Outlander PHEV. We are looking forward to many additional all-electric (BEV) and plug-in hybrid electric (PHEV) model options in the upcoming years.

NYC Fleet: 3,000 Hybrid and Electric Vehicles in Law Enforcement



Of the city law enforcement agencies, the NYPD has the largest vehicle fleet.

There are many demands on law enforcement and emergency response vehicles that go well beyond regular cars. These include the need for superior driving performance; extensive draw on the batteries from lights and sirens, radio and computer systems; shielding to protect officers; partitioning to secure passengers; interior space to hold critical gear; and operating during multiple consecutive tours and during extended emergency activations. As we go further to electrify law enforcement vehicles, we will need to install faster fast chargers and to address issues of back-up power during power loss events.



One of the New York City Parks' Ford Mustang all-electric units.

DCAS has begun the charger investment with 51 fast chargers installed at NYPD alone to date. The current DCAS fast charger is 50KW. DCAS is bidding out for 125 to 250 KW charging this spring to enable faster turn-around on police vehicles and also electric trucks. DCAS is also expanding its rollout of solar chargers and battery storage chargers, which can provide critical emergency power.



Electric vehicle chargers available for NYPD electric units.

DCAS thanks NYPD and all our law enforcement partners for their support of this effort. Electrifying this aspect of fleet operations is not easy and we will face many hurdles as this process continues. That said, when law enforcement goes electric, it proves that any vehicle, anywhere, can do the same.

Reminder: Come see the latest, cleanest and safest fleet units at our 34th Annual Fleet Show, Thursday, May 11, from 9 a.m. to 2 p.m., Unisphere, Flushing Meadows Corona Park.

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](#).

Save the Date: 34th Annual Equipment and Vehicle Show

The 34th Annual Equipment and Vehicle Show will take place on May 11, 2023 at Flushing Meadows Corona Park in Queens. The show is hosted every year by DCAS in collaboration with the NYC Department of Parks and Recreation, and highlights vendors who support the City of New York's Clean Fleet and Vision Zero initiatives.

To register and learn more, visit [DCAS's website](#).

34th Annual Equipment & Vehicle Show

Thursday, May 11, 2023

9:00 a.m. to 2:00 p.m.

Rain Date: Friday, May 12, 2023

Flushing Meadows Corona Park,
Queens, by the Unisphere

Fleet Vision International: The Show

The 2023 [Fleet Vision International: The Show](#) will take place on April 26 and April 27 in London. Registration information, speakers, and the full agenda [are now available](#).



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.



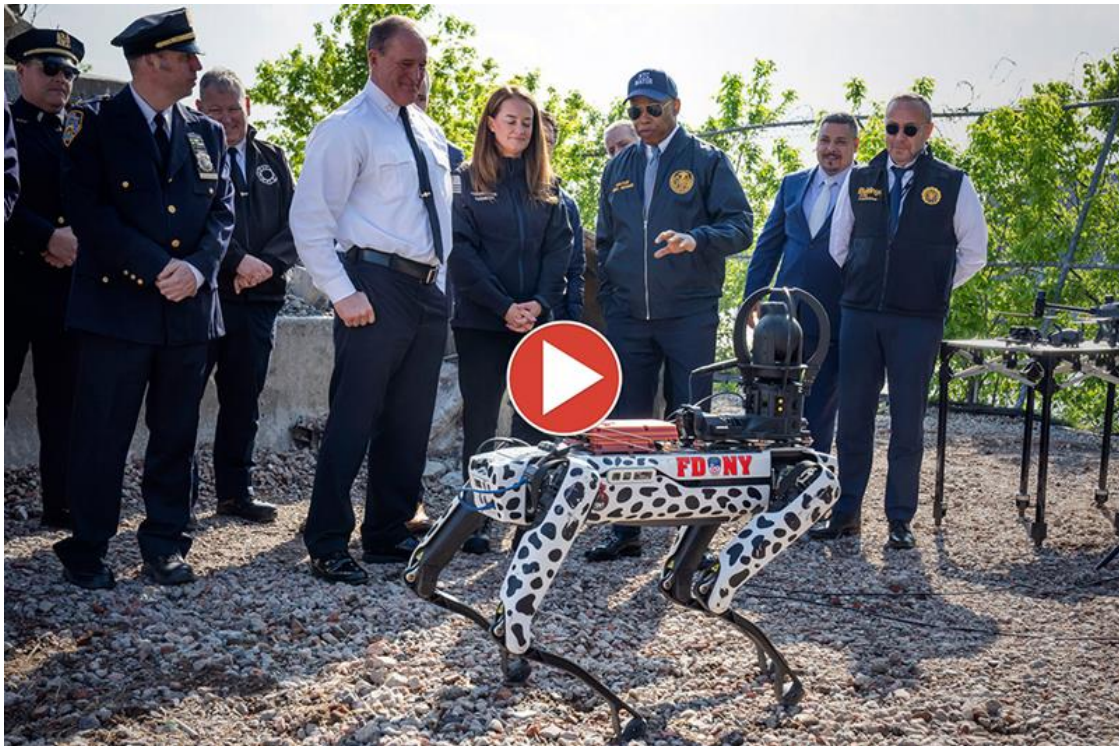
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Week In Review: April 23 - 29

Mayor Adams celebrates Earth Day, Denim Day, and our Greek, Israeli and Persian communities.



Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 424, April 27, 2023](#): Tackling Tire Emissions

[NYC Fleet Newsletter 423, April 17, 2023](#): Do the Twist and Keep Bicyclists Safe

[NYC Fleet Newsletter 422, March 31, 2023](#): DCAS and City Agencies Introducing New Team of Safe Driving Trainers

[NYC Fleet Newsletter 421, March 17, 2023](#): DCAS Fleet Field Services Unit: Watching Over the City's Electric Vehicle Charging Network

[NYC Fleet Newsletter 420, March 10, 2023](#): NYC Fleet Spotlight - Kirklival Henry, DCAS Fleet Purchase Director

Check out the [complete archive](#).

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