

DCAS and U.S. DOT Volpe Publish Clean Fleet Transition Report Update

By Keith T. Kerman

Clean Fleet Transition Plan 2026 Update

NYC Department of Citywide Administrative Services (DCAS) Fleet

U.S. DOT Volpe National Transportation Systems Center: Carmen Baskauf, Alyssa Brodeur, Alexander K Epstein, Ph.D., Arielle Herman, Eikar Lai, Megan McCarthy, Cheng Peng, Samuel J. Waitt

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On April 2, DCAS announced major [progress](#) in electrifying law enforcement units. To mark Earth Week, DCAS also [announced](#) a series of green initiatives across facilities and fleet. DCAS is also working on further electrification of the city

fleet including trucks and growth to our charging network. We will have more on those soon.

To update everyone on the status of the electric vehicle market, DCAS and [U.S. Department of Transportation Volpe Center](#) issued the latest [Clean Fleet Transition Update Report \(CFTP\)](#). See the DCAS announcement [here](#).

[Executive Order 53](#) of 2020 calls for DCAS to issue regular Clean and Safe Fleet Transition Reports and to work with the public, non-profit, and commercial fleet sectors to design the safe and clean fleets of the future. DCAS and U.S. DOT Volpe have now issued nine reports together which have played key roles in two local laws and two executive orders.

Among important findings of the Clean Fleet Transition Report Update:

- **Expanded Electrification Feasibility for On-Road and Off-Road Fleets:** Market availability of EVs has improved since our last report in 2022. Updated market analysis shows 86 percent of on-road vehicle types will have EV availability within five years compared to 84 percent in the last report, with 61 percent available within three years compared to 41 percent in 2022. For off-road equipment, 79 percent of vehicle types are expected to have an electric option within 5 years compared to 66 percent in 2022.
- **More EV Models in the Market:** The availability of electric models has expanded significantly since the initial CFTP in 2022, with 195 vehicle makes and models now highlighted in the Tier 1 segment. This increase is driven largely by established automakers rather than the startup sector.
- **A New Category of Alternative Fuel Design:** Extended Range EVs (EREVs): The report introduces a new alternative fuel category, extended range electric vehicles (EREVs). EREVs are fully electric vehicles that utilize a small fuel engine to add electric range. These are not hybrids because the engine does not power the vehicle directly. EREVs could play a role in solving problems like towing, plowing, and emergency response for EVs as well as increasing range in general. The other existing alternative fuel categories applicable to NYC Fleet include battery electric vehicle (BEV), plug in hybrid electric vehicle (PHEV), and hybrid electric vehicle (HEV).
- **Reinforcing the Nexus between Clean and Safe Fleet Design:** This CFTP explores the nexuses among clean and safe fleet design. For example, intelligent speed assistance (ISA) improves fuel economy of electric cars. Higher vision trucks offer opportunities for battery electric implementation. Many of our new fleet electric trucks are also higher vision units. Right sizing, tire management, truck sideguards, and regenerative braking all have important fuel efficiency and safety implications. It is a

critical priority of DCAS that safe and fuel-efficient vehicle design reinforce and support each other as DCAS designs the fleets of the future. Electric vehicles are heavier than their gas or diesel counterparts. These other safety design improvements can help mitigate that safety concern.

- **Exploring Clean Construction through Mayoral Executive Order 23 of 2022:** [Executive Order 23](#) calls for NYC to outline steps to electrify and green the commercial construction industry. This report discusses those opportunities and provides a couple of case examples from outside New York. EV equipment options for off-road construction equipment have increased. One of the biggest challenges is the need to bring power quickly and flexibly to construction sites to support EV equipment.
- **Forklifts Offer a Case Study in DCAS Approach to Fleet Sustainability in a Large Off-Road Operation:** The [DCAS Clean Fleet Plan](#) calls for the agency to electrify all units as quickly as operationally feasible, implement hybrids and efficiencies including right-sizing, and to replace fossil fuels with biofuels. Forklifts provide an example of how DCAS is pursuing this approach. The city operates 736 forklifts. In the last three years, DCAS has increased electric adoption while also transitioning remaining purchases to renewable diesel use.

Electrifying a fleet as complex as NYC's is a new and challenging process and will take time. Working together, we continue to make progress and push what is possible. Thanks to all the city agencies who are leading this transition on the ground and to our partners at U.S. DOT Volpe on our 9th report together.



This show highlights vendors who support the New York City's Clean Fleet and Vision Zero initiatives, and daily operations. Vendors will offer a wide array of products to improve vehicle safety. The show will also highlight vehicles and equipment with alternative fuels and emissions-reducing technologies, along with the latest in light and heavy-duty vehicles, trucks, horticultural equipment, tools, fleet services, and more!

**Thursday,
May 21, 2026
9 a.m. - 2 p.m.**

Accessibility Questions?
Contact DCAS Accessibility
at 212-386-0256, or email
accessibility@dcas.nyc.gov
by May 6, 2025



<https://www.nyc.gov/site/dcas/agencies/nyc-fleet-upcoming-events.page>

37th Annual Equipment & Vehicle Show

Flushing Meadows Corona Park
(by the Unisphere), Queens, NY





[Socialize & Exercise | Doors Open @ 5 PM](#): We're bringing fitness to all five boroughs! Meet your favorite instructors from our digital and worksite fitness classes, then join a fitness class! We'll be in a different borough each day:

- **Staten Island:** April 28 @ Staten Island Borough Hall (10 Richmond Ter)
 - Zumba at 6 PM
- **Manhattan:** April 29 @ DCAS (1 Centre St.)
 - Kickboxing at 5:30 PM
 - Vinyasa Yoga at 7 PM
- **Bronx:** April 30 @ North Central Bronx Hospital (3424 Kossuth Avenue)
 - Chair Barre at 5:30 PM
 - Pilates at 7 PM
- **Brooklyn:** May 6 @ Brooklyn Borough Hall (1209 Joralemon Street)
 - Dance Cardio at 5:30 PM
 - Calisthenics at 7 PM
- **Queens:** May 7 @ NY School Construction Authority (25-01 Jackson Avenue)
 - HIIT at 5:30 PM
 - Mobility & stretching at 7 PM

[Register here](#) for classes!

Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 533, April 23, 2026](#): Car Free Earth Day, April 25

[NYC Fleet Newsletter 532, April 15, 2026](#): Understanding Fuel and Electric Pricing for the City Fleet

[NYC Fleet Newsletter 531, April 10, 2026](#): Understanding the Fleet Office of Real Time Tracking (FORT)

Check out the [complete archive](#).

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