

Greening Off Road and Construction Equipment, Fleet Show May 15

By Keith T. Kerman

Executive Order [23](#) of 2022 calls for New York City agencies to implement electric and green alternatives for construction and off-road equipment. While we often discuss the greening of on-road vehicles, the city fleet includes over 4,800 pieces of off-road equipment and thousands of construction units used by New York City capital contractors. There are over 10,000 horticultural equipment units, such as weedwhackers, lawn mowers, chainsaws, and snow blowers. These units are used at agencies, including the New York City Department of Parks & Recreation (NYC Parks), the Department of Transportation (DOT), and the New York City Housing Authority (NYCHA).



The City recognizes clean construction as an important, increasingly pressing policy focus. Led by the NYC Office of Technology and Innovation (OTI) and the Mayor's Office of Climate and Environmental Justice (MOCEJ), the City [launched](#) the North American Electric Construction Coalition (NAECC) in September 2024. The coalition consists of eight cities and counties, and roughly 15 private sector and non-profit partners committed to purchasing or using electric construction equipment on their projects.

Through the Smart City [Testbed](#) program, MOCEJ and OTI are launching electric off-road equipment pilots to test electric options, such as chainsaws, air compressors, backhoes, cranes, saws, excavators, forklifts, generators, jackhammers, leaf blowers, loaders, mowers, skid steers, scissor lifts, weedwhackers, and more.



New York City already operates hundreds of electric off-road equipment, including people movers, forklifts, solar-electric light towers, and sign boards. NYC Parks has tested hundreds of electric horticultural equipment units, while early models of electric front-end loaders, tractors, and cranes are now being introduced to the marketplace. Where electric options are not yet available, DCAS is [using](#) renewable diesel fuel for all off-road equipment that uses diesel fuel.

Clean Construction Innovation Pilot



To further explore these issues, DCAS and the U.S. DOT Volpe Center held a kickoff meeting with other city agencies on April 24, 2025, to update the Clean Fleet Transition [Report](#), which was produced in conjunction with Executive Order [53](#) of 2020. The updated report will focus on three main issues: 1) electric alternatives for construction and off-road equipment; 2) the opportunities and challenges for fleet safety tied to electric vehicle adoption; and 3) an update of on-road EV fleet options since the previous report was issued in 2022.

Finally, at the DCAS Fleet Show on [May 15](#), a section of the park will be devoted to electric off-road options, including some that will be piloted this summer at city agencies. Come check out zero-emissions options on and off-road. We look forward to seeing everyone out at the park on May 15!



DCAS Fleet Show



Coming to the Fleet Show on May 15? Visit the WorkWell NYC table for a bit of calm and focus on you and your health.

- Step onto the meditation bus for a 10 min meditation session. No appointments necessary!
- Visit our table to learn about free well-being support like fitness discounts and classes, stress management and healthy eating tips, and more! We'll also have giveaways for those who stop by."

Vision Zero: Building a Safer City

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!

36th Annual Equipment & Vehicle Show

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

**Thursday,
May 15, 2025
9 a.m. - 2 p.m.**

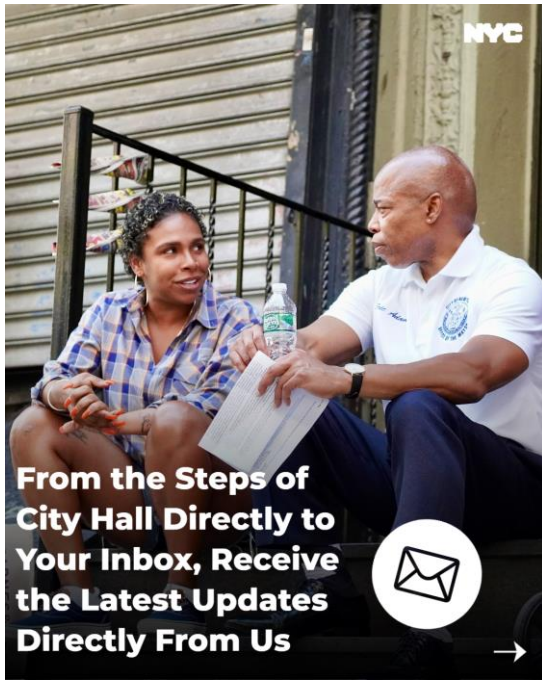
**Rain Date:
Friday,
May 16, 2025**

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>



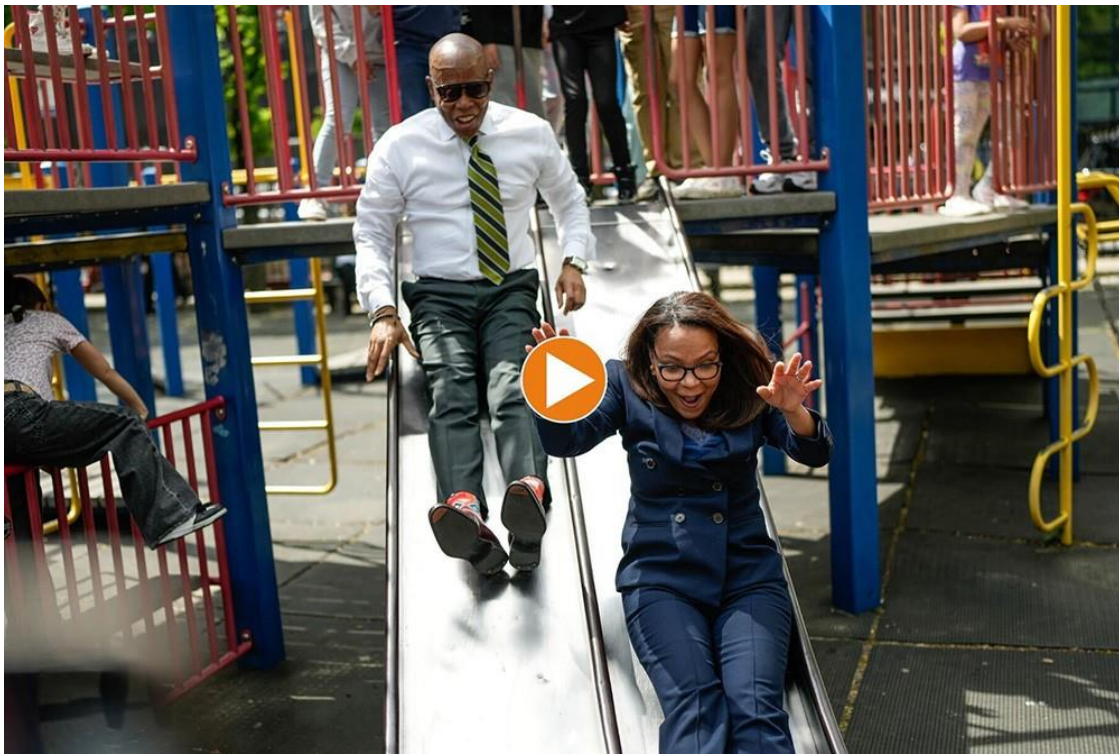


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Week in Review | April 26 - May 2



Everything our teams are able to accomplish starts with a budget to fund it, and we announced an executive budget to get REALLY, REALLY BIG stuff done for New Yorkers. Among so many other things, our new budget:

- [Makes after-school programming universal](#) by increasing the budget to a total \$755 million over the next three school years so we can offer ALL working-class families a safe space for their kids to continue their education after the school day ends.
- Grows the NYPD's uniformed ranks to 35,000 by next fall by [funding more police academy classes](#).
- [Funds new investments to create more homes](#), connect more New Yorkers to homes, and keep more New Yorkers in the homes they already have through massive increases in funding streams.

Click below to learn about DCAS' FY24 Annual Report

[DCAS Celebrates the Release of FY24 Annual Report | City of New York](#)

Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 494, May 2, 2025:](#) New Fleet Leadership for NYPD and DSNY

[NYC Fleet Newsletter 493, April 18, 2025:](#) All Electric Taxi and Limousine (TLC) City Fleet by 2027

[NYC Fleet Newsletter 492, April 11, 2025:](#) Car-Free Earth Day, April 26, 2025, And Other Sustainability Events

Check out the [complete archive](#).

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