
2019: The Year In Fleet

By: Keith Kerman

In March 2019, Mayor de Blasio signed Executive Order 41 on Citywide Fleet Sustainability, Right-Sizing, and Efficiency through the NYC Clean Fleet Plan. The order can be viewed here:

<https://www1.nyc.gov/assets/dcas/downloads/pdf/fleet/Executive-Order-41-2019-NYC-Clean-Fleet-and-Efficiency.pdf>

This comprehensive plan has been the focus of fleet initiative in 2019 and has complemented our work on Vision Zero, Fleet Compliance, and Servicing. Below we discuss some of the major accomplishments of the year.

- **Installing Nation's Largest Telematics Program in Public Fleet:** DCAS has now implemented the nation's largest telematics and live tracking initiative for public fleet units. The DCAS Fleet Office of Real-Time Tracking (FORT) is now receiving real time data for 22,000 units from 50 City agencies and also 40 school bus companies under contract with DOE. FORT tracks vehicle location, speed, crashes, maintenance codes, and more. Daily Reports and Real-Time Alerts will help agencies ensure safe, proper, and efficient use of our critical fleet resources. In the first year of the program, safety scoring has improved at every major agency using the system.
- **Breaking 2,600 Electric and Solar Fleet Units through NYC Clean Fleet:** When the NYC Clean Fleet Plan was first announced by Mayor de Blasio, our goal was to achieve 2,000 electric fleet units by 2025. Our rollout of electric has gone far more quickly with over 2,600 on and off-road electric and solar units now in the fleet. We have implemented electric sedans, SUVs, cross-overs, and mini-vans, and have begun efforts on trucks including waste units, ambulances, and school busses. Working with NYPD, we are now replacing gas police cars with hybrid units. Policing units are our largest single fleet. In FY19, our average new vehicle fuel economy as tracked through Local Law 38 was 107 MPG. We reduced nearly one million gallons of fuel use in the last year.
- **Growing NY's Largest EV Charging Network:** To support our growing EV fleet, we continue to expand our capacity to charge electric vehicles. We now have over 650 charging stations and almost 1,000 separate ports. This includes the nation's largest network of 87 freestanding solar carports, our first three fast EV chargers,

and our first mobile charger. This effort will accelerate in the upcoming years as we partner with DOT, MOS, and all major fleet agencies on additional charging rollouts.

- **Reducing Fleet Size:** EO 41 requires a reduction of at least 1,000 fleet units by June 30, 2021. These efforts have been a focus for DCAS and OMB and with all fleet agencies. We have identified over 800 fleet reduction units so far and achieved a reduction of over 440, well on target for this initiative. We will continue to work with agencies in FY20 to find additional efficiencies and re-assignments as we work toward the full goal.
- **Incorporating Safety in Fleet Design through our Vision Zero Safe Fleet Transition Plan (SFTP):** Our Safe Fleet Transition Plan has emerged as a model for public and private fleets nation-wide. NYC has put in place the nation's largest truck side-guard program at 2,700 units and growing. We have also set a standard to implement high vision trucks, automated braking, back up-cameras, and other safe design improvements. NYC can not move the fleet industry alone. Partnerships with other public and private fleets, concerned non-profits, and others is critical to transforming fleet design towards safety and sustainability.

As always, we want to thank all our agency partners, our dedicated fleet and mechanical staff, service and supply vendors, and non-profit partners on a successful year in fleet.

Happy Holidays and New Year from all of us at DCAS!



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