

EDF Climate Corps Fellows Support Fleet Electrification

By: Keith T. Kerman and Jon Ells

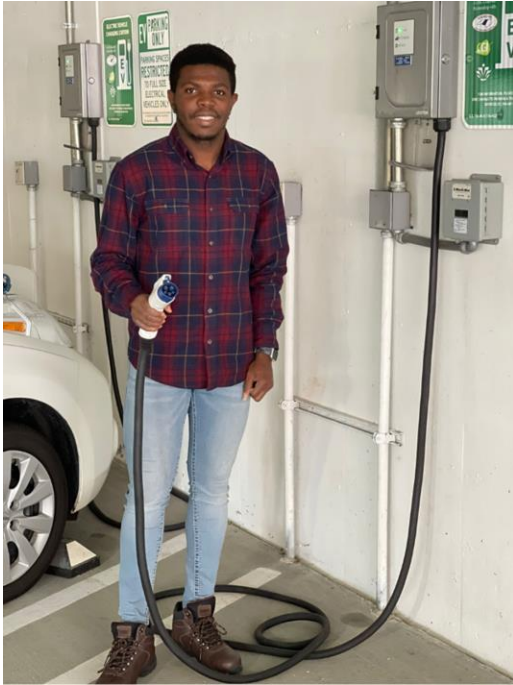
In last week's newsletter, we recognized our high school automotive interns from this summer. In addition this summer, NYC Fleet welcomed two Environmental Defense Fund (EDF) Climate Corps Fellows, Debbie Halla and Ola Ogundairo, for ten-week fellowships.

Debbie is pursuing a Master of Public Policy degree with a concentration in Environmental Policy from American University in Washington DC, while Ola is working on his Ph.D. in Electrical Engineering at UNC Charlotte.

With DCAS, Debbie and Ola focused on a wide variety of issues surrounding fleet electrification, many of which they worked on together. NYC is exploring repowering of existing diesel vehicles to convert them to all-electric units. Debbie did extensive market research in this area and pursued grant opportunities to help launch this effort. In addition, following a City Council hearing earlier in the year, Debbie also researched electric helicopters and EVTOL, electric vertical take-off, and landing units.

Using telematics data, Ola launched a study of the actual battery performance for electric batteries and how it compares to EPA mileage estimates for batteries. This assessment was modeled after the comparison of real and sticker fuel economy that DCAS published for hybrid vehicles. We plan to share the results of this review in the fall. Ola also looked at IT security, failsafe, inter-operability, and emergency preparedness issues in the EVSE, electric charging area. As we grow the electrification of vehicles, the reliability and resilience of electric charging become critically important. Ola did market research as part of this review.





Ola had the following to say about his summer at DCAS, "I have profoundly enjoyed the summer period I spent with DCAS working on exciting sustainability projects within the fleet's network and infrastructure. The vision that has been implemented, in the works, and will be implemented is quite fascinating. The encompassing sustainability vision is compelling as we pursue goals with three metrics in mind: delivery, security, and efficiency. If the DCAS fleet strategy is implemented in all government agencies, the journey to zero-emission by 2040 is feasible. Thank you DCAS and stay aggressive with the road maps."

Debbie summed up her experiences, "NYC has set an ambitious target of 100% vehicle electrification by 2040 and DCAS has amped it up by looking at pretty much anything with an internal combustable engine. I've learned a tremendous amount about what it takes to make these goals a reality. Along the way, I've

thoroughly enjoyed working with DCAS's team of super-smart, hard-working, funny, and kind individuals. I can't wait to read about DCAS's future sustainability accomplishments!"

DCAS wants to thank Ola and Debbie for a great summer, and equally to thank the Environmental Defense Fund for supporting and partnering on this program with us. Particular thanks to Mary Barber, Ellen Bell, and Ellen Shenette of the Environmental Defense Fund for their work advancing New York City's electrification goals. We look forward to continuing efforts and initiatives with EDF as we all pursue together a greener nation and planet.

Finally, special thanks to Director of Fleet Sustainability Jon Ells for supervising the fellowships and projects.

NYC Parks 32nd Annual Equipment & Vehicle Show



[NYC Parks 32nd Annual Equipment & Vehicle Show](#) will highlight vendors who support NYC's Clean Fleet and Vision Zero initiatives, as well as daily operations.

The show is free to all exhibitors and attendees and has been rescheduled to **Wednesday, September 22**
9:00 a.m. to 2:00 p.m.

Fleet Vision International Summer 2021 Quarter 3

Fleet Vision International is an international magazine aimed at fleet, transport, and operational and workshop depot directors/managers.

[The Fleet Vision International 2021 Quarter 3 edition](#) has now been published and focuses on the City of New York's vehicle telematics and DCAS's Fleet Office of Real-Time Tracking (FORT).



DCAS's Inside Citywide Podcast

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

COVID-19 Safety Reminder

For all fleet drivers, please be reminded to wear a mask when operating a fleet vehicle with others in the vehicle. Attached again are the [Department of Health's COVID-19 Safety Guidelines relating to vehicle operation](#).

Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 357, August 20, 2021](#): Fleet Agencies Welcome Back Auto High School Interns

[NYC Fleet Newsletter 356, August 13, 2021](#): Go Wisconsin! Madison Follows NYC's Lead in Fleet Improvement

[NYC Fleet Newsletter 355, August 6, 2021](#): NYC Fleet Fuel Use Down 4 Million Gallons in 4 Years

[NYC Fleet Newsletter 354, July 30, 2021](#): NYC Fleet Spotlight - Chris Towns, FDNY

[NYC Fleet Newsletter 353, July 23, 2021](#): Fleet Services First 1,000+ Public EV Customers

Check out the [complete archive](#).

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