

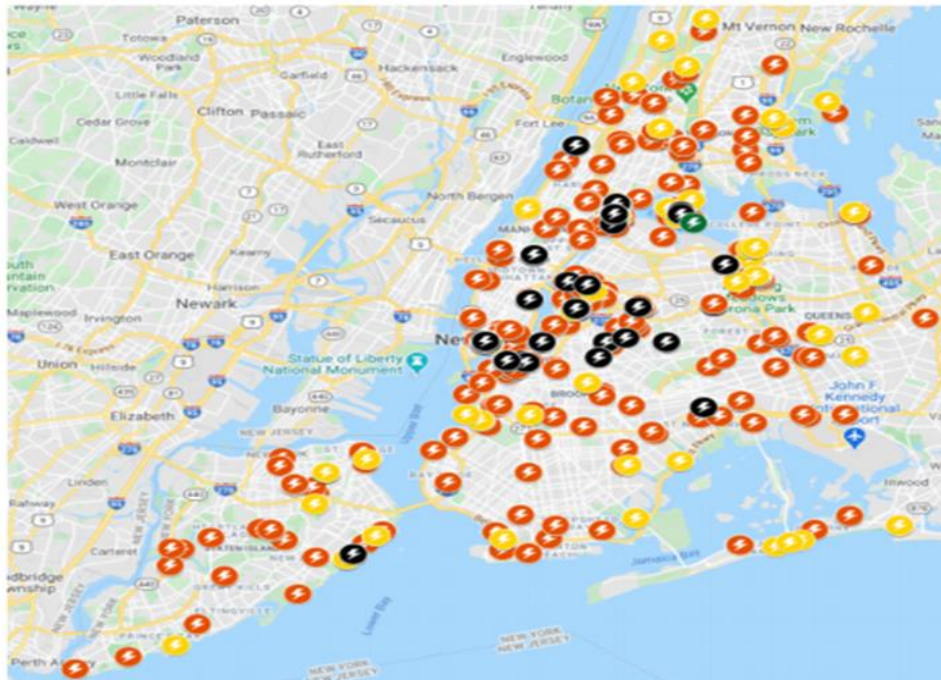
DCAS Rolls Out Fast EV Charging for Fleet and Public

By: Keith T. Kerman


This week, DCAS announced major progress on the development of a citywide EV fast charging network for City fleet vehicles. NYC Fleet has now completed 58 of at least 100 fast chargers to be installed by this summer. Ten separate City agencies now have fast charging in addition to regular charging to support our growing fleet of electric vehicles. NYC Fleet now operates over 1,000 charging ports, the largest such network in NY State. The charging network includes 87 mobile solar carports, the largest such project in the world.

In addition, two of the fast charging hubs, at Randall's Island in Manhattan and Midland Beach in Staten Island, will also be available for use by the general public. The rules for public access can be found [here](#). By the summer, DCAS plans to have public access to at least five locations, including one in each borough.

NYC Fleet EV Charging Network as of 12/09/2020



Total 1,019 Electrical Charging Ports Across 706 Stations

-  - 873 Charging Ports / 560 Reg Stations
-  - 87 Solar Carports
-  - 58 DC Fast Chargers
-  - 1 Mobi Mobile Charger

In February 2020, Mayor de Blasio signed an executive order calling for NYC to transition to all-electric vehicles by 2040.

Most of fleet's existing charging had been level 2, slow chargers, most appropriate for overnight charging.

Expansion of the electric fleet, especially to medium and heavy-duty trucks, will require fast charging. This will enable vehicles to charge throughout the day and support different types of fleet operations and schedules.

In May 2019, DCAS received \$14 million in capital funding from OMB to complete the solar carport initiative and to introduce fast charging. The solar carports were completed last year. In general, this project is on schedule, on budget, and expected to be complete this summer.



At the same time, as we grow the EV charging network, DCAS is bidding contracts for all-electric fleet vehicles including garbage trucks for Parks, EV SUVs, pickups, vans, and Class 3-4 trucks. Fleet operates nearly 10,000 of these units. These contracts will play a major role in the EV transition. DSNY and NYPD will also be testing new electric units.

Thanks to Assistant Fleet Commissioner Brent Taylor, Director of Fleet Sustainability Jon Ells, Chief of Staff Sherry Lee, DCAS Procurement, NYC Parks which is hosting the public EV sites, and all our agency partners for their terrific progress on this important effort.

It's been a hopeful and optimistic two weeks in our country and city including President Biden's announcement that the federal government fleet will follow NYC's lead and go all-electric. Our new EV charging network is a concrete example of the type of infrastructure investment that can spur a transition to alternative vehicles and fuels, clean the air, reduce maintenance costs, and help address climate change. The DCAS announcement can be seen [here](#).

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