

DCAS Completes Largest Fast Charging Public Hub at Parks World's Fair Marina

By: Keith T. Kerman



DCAS has opened its largest public EV charging hub with five fast chargers now available at the World's Fair Marina public parking lot in Flushing Meadows Corona Park, Queens. This site is conveniently off the Grand Central and is already a big draw for electric vehicle operators from the city fleet, taxi and rideshare fleets, and the general public. The hub also includes our first fast charger explicitly designed for wheelchair accessibility. See a recent Queens Chronicle [story](#) on the hub.

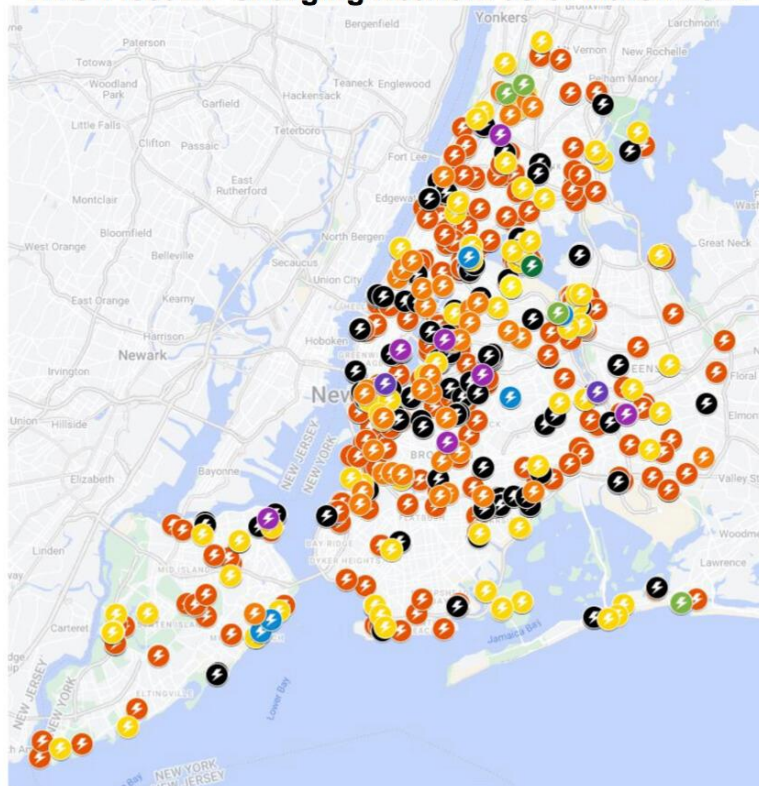
DCAS operates one of the largest single-operator charging networks in the nation. Along with DOT's public charging, there are now 1,972 charging ports available to the City fleet and, in many cases, to the general public. This includes 281 fast

chargers. While the main focus for DCAS is to support our growing City electric fleet, DCAS currently offers 21 chargers to the general public, including 15 fast chargers. An additional fast-charging unit will soon open at the Overlook in Queens Forest Park. Over 46,500 private electric vehicles have used DCAS public chargers since January 2021.










The [map](#) and a complete list of charging [sites](#) are on the DCAS Fleet website. The rules for general public use are also posted.

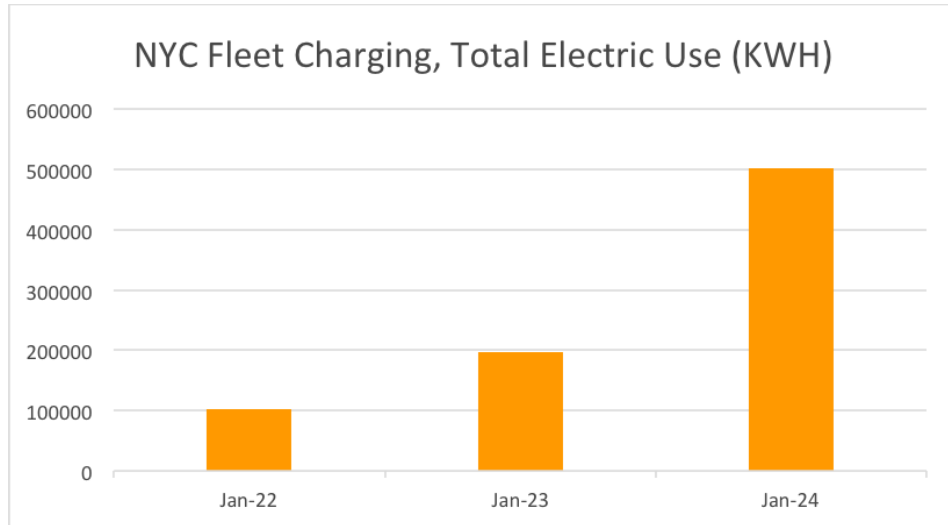


NYC Fleet EV Charging Network as of March 2024



Total 1,972 Electrical Charging Ports

-  1,327 Level 2 Charging Ports
-  153 Solar Carports +  6 Solar Public Charging = 159 Total Solar Carports
-  266 DC Fast Chargers +  15 DC Fast Public Charging = 281 Total DCFCs
-  11 DOT Municipal Level 3 Chargers
-  65 DOT Municipal Level 2 Chargers
-  118 DOT Level 2 Curbside Chargers
-  11 Mobile Chargers



The DCAS charging network supports a rapid and accelerating growth in electricity use for fleet transport. Electric use is off the charts for our networked chargers, doubling from 2022 to 2023 and more than doubling again in 2024. This trend will only continue with over 600 additional EVs of all types and sizes currently on order to replace gas and diesel vehicles, and additional fast and overnight chargers being installed every week. DCAS also received over 100 overnight chargers courtesy of Ford as part of recent electric vehicle purchases and will be installing those in the next six months.

Currently, most fast chargers DCAS installed are 50 kilowatts (50kw). These are up to 5 times faster than overnight level 2 chargers. However, charging technology is advancing quickly, and DCAS is also progressing. DCAS has installed an initial set of 150-kilowatt fast chargers and is in the bidding and review process for a long-term 150-kilowatt charging contract. At 150 kilowatts, an all-electric vehicle could go from 20 percent to 80 percent complete in as little as ten minutes. DCAS plans to begin regular 150 KW installs later this year, including for publicly available sites.

Educating fleet operators and the public is critical to this EV transformation. DCAS has recently updated its “Let’s Talk About EVs” training [presentation](#) and will discuss additional educational efforts around EVs very soon.

Special thanks to NYC Parks, especially Nate Grove, Parks Chief of Waterfront and Marine Operations, for help with the Flushing Charging Hub, and to DCAS Assistant Fleet Commissioner Brent Taylor and the Sustainability team of Julia Marchetti and Fiona Crisp, who are leading our charging rollout.



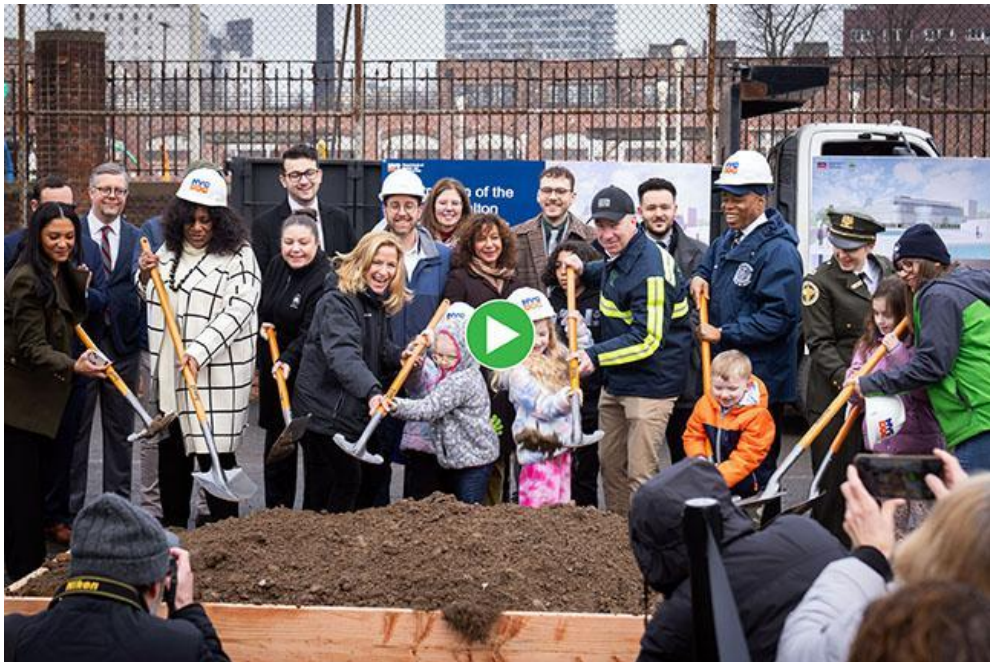
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[NYC Fleet Newsletter 447, February 14, 2024](#): Fleet Spotlight: Tamika Johnson, Deputy Chief Fleet Management Officer

[NYC Fleet Newsletter 446, January 25, 2024](#): Fleet Spotlight: Parks Fleet Managers Brian Aucoin and Cynthia Lopez

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