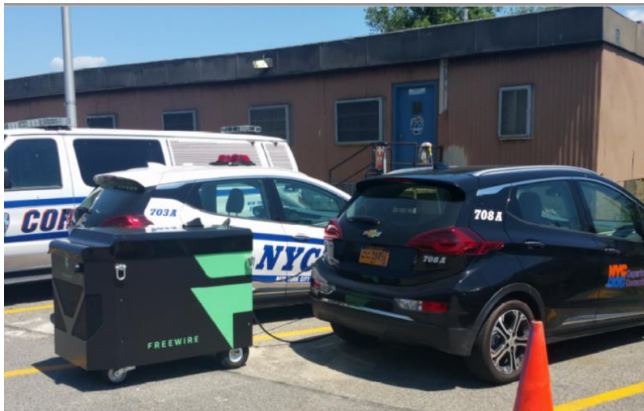


## **DOC and DCAS Introduce First Plug in SUV, Mobile EV Charger**

By: Keith T. Kerman and John Ells

Mayor de Blasio's NYC Clean Fleet initiative took some exciting new steps this week at the Department of Correction with the introduction of Fleet's first plug in Crossover SUV and first mobile charger.

DCAS has contracts in place for all electric sedans and cross-overs, and plug in sedans and mini-vans. In FY19, DCAS bid a first contract for a plug in SUV which was won with a Mitsubishi Outlander PHEV Crossover SUV. The unit has a 74 MPG EPA rating, super-all wheel drive for off-road operations, and is fast charging eligible, unlike other PHEVs. DOC has received the first of 18 units being purchased citywide in our initial contract orders.



As we expand the plug in vehicle fleet, our needs for EV charging grows as well. Through support from DCAS, DOC also received this week the City's first mobile charging unit, a Freewire unit purchased through MWBE vendor Berger Quality Electric. The mobile charger can be moved from location to location and provides a way to charge vehicles in locations which do not yet have permanent charging installed. It could also be utilized in emergency

situations for mobile power generation.

This unit is a self-propelled charging station that can charge two vehicles simultaneously. The internal battery is 80 kWh, which makes it capable of charging multiple vehicles in a single day. It features the same plug that is found on all city charging stations and can recharge on a 240 V plug or be plugged into one of our 590 charging stations. DOC will use the unit at its Bulova and Rikers locations.

Thanks to Greg Dimesa and Carl Chiaramonte at DOC Fleet for taking the lead in introducing these cleaner fleet technologies and to DCAS Procurement for supporting the purchases.

*Have a happy and safe July 4th Week!*

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