

NYC Fleet: Drive to 2,000 Electric Vehicles (EVs)

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In December 2015, Mayor Bill de Blasio announced NYC Clean Fleet. This plan called for the City fleet to reduce greenhouse gas emissions 50% by 2025. The City would pursue a variety of approaches to achieve this, including expansion of the use of biofuels, idle reduction for trucks such as ambulances and waste units, right-sizing fleet units such as SUVs, expanding use of hybrids in law enforcement, and a request for information (RFI) to partner with industry, non-profits, and public fleets worldwide.

As importantly, DCAS committed to placing at least 2,000 plug-in electric vehicles (EVs) on-road by 2025. All aspects of the NYC Clean Fleet plan are proceeding on or ahead of schedule, especially the implementation of electric vehicles. Fleet now operates 1,756 on-road electric vehicles with 163 more already on order in FY19. Our 2,000 unit commitment could be achieved as early as 2019. Most of these units are currently sedans. DCAS last year registered its first plug-in mini-van contract and is working now on a plug-in SUV. We will be looking to bid plug-in pick-ups and vans by next year, as market options expand.

Fleet continues to expand its charging infrastructure to support this growing universe of EVs. We now operate 547 total fleet chargers including 53 solar carports. By 2020, we will operate at least 700 charging locations, with 87 solar carports. This will include our first fast chargers.

EV isn't the only area of growth and focus. NYC operates 5,337 hybrid gas units and 167 diesel-electric hybrids. In FY18, DCAS registered a first hybrid police car contract and is working now on a similar contract for hybrid police SUVs. We employ 741 off-road electric and solar units such as forklifts, solar light towers, sign boards, and electric carts. Over 11,000 diesel on and off-road units are using biodiesel blends and we will be expanding use of renewable diesel to go along with our long-standing biodiesel efforts. In total, Fleet is approaching 20,000 fleet assets utilizing alternative fuels.

Fleet will provide updates on our NYC Clean Fleet efforts as the year progresses and we continue the drive to both 2,000 EVs and 50 x 25.

NYC Fleet On-Road Electric Vehicles



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