

Clean Transportation

AEG Stakeholder Challenge:
Electrifying the NYC Fleet

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Operations and Sustainability Infrastructure

Electrification Policy



THE CITY OF NEW YORK
OFFICE OF THE MAYOR
NEW YORK, N. Y. 10007

EXECUTIVE ORDER No. 53

February 6, 2020

AN ALL-ELECTRIC AND SAFE NEW YORK CITY FLEET

WHEREAS, we face a clear global climate emergency, caused primarily by the burning of fossil fuels;

WHEREAS, we all have a moral, economic, public health, and security imperative to act to protect our planet, fellow human beings, and future generations;

WHEREAS, we must act, and act together at every level, as individuals, as cities, and as a global community;

**New York City is under
Executive Order to
electrify the NYC fleet by
2035**

Currently over 4000 EVs on Road

NYC Fleet Electric Vehicles



LD BEV



NYC Fleet



HD Electrification Challenge



Challenge – Battery Life



Challenge – ePTO Capability



Solutions - Shared Specifications and Collaboration



NYC Fleet

NYC DCAS
Citywide Administrative Services

NYC Parks 16 Cubic Yard Electric Compacting Collection
Truck

Specification:

Intent: It is the intent of this specification to describe a heavy-duty vehicle equipped with a rear loading, 16 cubic yard compacting refuse collection body. The vehicle will be used in a municipal refuse operation for the collection of refuse ranging from light weight material to construction debris and items that may be found in cleaning of vacant lots. The vehicle and its systems must be designed and engineered to work under extended, severe service conditions. It

Regarding Clean Transportation:
To Achieve New York's climate, health,
and equity goals, a critical obstacle to
collectively overcome in 12 Months is
lack of collaboration on needs and
specifications within the fleet
community:

Last Mile, Utility / Telecoms, Municipal,
Federal

Collaborating on:
Specifications, Hacks, Vendor
Engagement, EVSE

NYC
DCAS
Citywide Administrative
Services

For more information, go to the NYC Fleet website:
<http://www.nyc.gov/html/dcas/html/employees/fleet.shtml>

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DCAS

Thank You