

DSNY Introduces All-Electric Sweeper

By: Keith T. Kerman

In February 2020, Mayor de Blasio announced through [Executive Order 53](#) that NYC would transition to an all-electric fleet by 2040. NYC already operates the state's largest EV fleet and EV charging network with over 2,800 plug in units and 1,040 charging ports.

Fleet took a big next step this week as DSNY Commissioner Edward Grayson announced [the City's first all-electric sweeper.](#)

The initial electric sweeper unit follows the current use of biofuels for DSNY trucks and the introduction of hybrid sweepers in 2018. This all-electric pilot unit was introduced through the research and development section of the current DCAS contract for hybrid sweepers.

"DSNY is excited about the opportunity to be the first municipal fleet in the nation to pilot-test a heavy-duty battery electric zero-emissions street sweeper. Introducing and testing Battery Electric Vehicles (BEV) in heavy-duty applications is a major milestone for our nation and a GIANT step forward for NYC and DSNY. DSNY hopes in the very near future, heavy-duty BEVs will play a bigger role in reducing our fleet's carbon footprint and Greenhouse Gas Emissions," said Rocco DiRico, Deputy Commissioner of Support Services, which oversees the Department of Sanitation's vehicle fleet.



The City fleet currently operates 489 sweepers with the majority being at DSNY. DOT and Parks also operate sweepers for public space maintenance while DOC and NYPD have a small number of units for facility operations. Transitioning this specialized trucking fleet to electric is a critical step to eliminating fossil fuel use and lowering maintenance costs for the fleet program.



The New York State Energy Research and Development Authority (NYSERDA) and CALSTART also partnered and provided support to the project.

DSNY's Heavy Duty Truck Lab will do the assessment on the unit, which is the first of its kind in the country. Congratulations to DSNY, NYSERDA, and CALSTART on this exciting new initiative. We look forward to additional EV fleet announcements in the upcoming months.

COVID-19 Safety Reminder

For all fleet drivers, please be reminded to wear a mask when operating a fleet vehicle with others in the vehicle. Attached again are the [Department of Health's COVID-19 Safety Guidelines relating to vehicle operation.](#)

Check out past editions of the Fleet Newsletter

[NYC Fleet Newsletter 343, April 30, 2021:](#) Over 5,000 Drivers Complete Online Vision Zero Safety Training

[NYC Fleet Newsletter 342, April 22, 2021:](#) Mayor Announces School Busses Going Electric

[NYC Fleet Newsletter 341, April 14, 2021](#): DCAS, US DOT Kick Off Clean Fleet Transition Plan

[NYC Fleet Newsletter 340, March 29, 2021](#): NYC Fleet Spotlight: Dina Luddeni, FDNY Safety

[NYC Fleet Newsletter 339, March 23, 2021](#): It's Still Not Your Car. It's a Public NYC Fleet Vehicle

Check out the [complete archive](#).

// CONNECT WITH DCAS TO FOLLOW NYC FLEET //



Visit us on the web at nyc.gov/DCAS
