

## DSNY Unveils First Fully Electric Refuse Truck

By: Keith T. Kerman and Henry Cornejo

In partnership with Mack Trucks, DSNY has been given the keys to test out its first electric refuse truck, the Mack LR Electric, which promises to revolutionize DSNY's ability to achieve NYC's goals of reducing greenhouse gasses and ending the reliance on fossil fuels.

The Mack LR Electric is the first fully-electric refuse vehicle in its class. Having a gross vehicle weight of 72,000 pounds, it is a strong truck for a tough and resilient city. This is "a giant step forward for DSNY, but more importantly NYC," said Spiro Kattan, Deputy Director for the DSNY Bureau of Motor Equipment.



The unit is a demonstration vehicle loan from Mack Trucks. DSNY provided the specifications for the truck to mirror current refuse truck requirements and prepare the way for broader implementation. DSNY will now test out this innovative zero-emission vehicle in real world conditions.

Being a zero-emission vehicle, the Mack LR Electric will be much quieter compared to current diesel models. Low noise and zero-emissions will limit impacts on city residents as DSNY keeps the City clean. As an all-electric truck, we also expect reduced maintenance costs and downtime, increasing reliability.

Throughout the year, DSNY will work closely with Mack Trucks and address and assess any issues that may arise. The electric truck will be stationed at the Brooklyn North 1 Garage. DSNY will conduct trials that will focus on its operating range, payload capacity, regenerative braking, and its overall functionality during regular operations. These trials will dictate whether DSNY will make the move into converting their current collection of Mack vehicles into electric vehicles.



“Electric trucks will be a key component to helping New York City meet its ambitious goal of reducing GHG emissions by 80 percent by the year of 2035,” said Rocco DiRico, Deputy Commissioner for Support Services at DSNY.

Climate change is an existential threat and NYC has committed itself to take immediate and bold steps to reduce our carbon footprint with initiatives like this. City agencies, like DSNY, with the help of DCAS Fleet, are

taking important steps to comply with Executive Order 53, which calls for an all-electric city fleet by 2040, and follow the NYC Clean Fleet Plan.

Congratulations to Rocky DiRico, Spiro Kattan, Mack Trucks, and everyone at DSNY who worked on this project. We look forward to hearing more about the results of this exciting new step.

To find more information about the Mack LR Electric, click [here](#).

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