



PRESS RELEASE

New York City Department of Sanitation to purchase seven Mack® LR Electric models

Volvo Group's subsidiary Mack Trucks announced today that the New York City Department of Sanitation (DSNY) plans to purchase seven Mack® LR Electric refuse models, which will operate in each of the city's boroughs. Mack made the announcement during WasteExpo 2021, June 28-30 at the Las Vegas Convention Center.

[DSNY](#) took delivery of its first fully electric refuse vehicle, a Mack LR Electric demonstration model, [in September 2020](#), when it began rigorous real-world testing in Brooklyn. Since then, DSNY has been evaluating payload capacity, regenerative braking, overall vehicle performance in their demanding operations, operating range and charging requirements.

"The DSNY order for an additional seven [Mack LR Electric](#) trucks speaks to the fact that the performance of the current LR Electric demonstrator model collecting in Brooklyn is meeting and even exceeding their expectations," said Jonathan Randall, Mack Trucks senior vice president of sales and commercial operations. "Mack has long been the number one choice of refuse customers, and we are now well-positioned to be the industry [leader in e-mobility](#) as well. The Mack LR Electric is equipped with Mack's integrated electric powertrain and will help New York City and DSNY achieve its zero-emissions goals."

The world's largest municipal sanitation department, DSNY collects about 12,000 tons of refuse and recyclables daily with more than 6,000 vehicles, the majority of which are Mack trucks.

"We look forward to our continued partnership with [Mack Trucks](#) in striving toward our environmental efforts to benefit the citizens of New York City," said DSNY Commissioner Edward Grayson. "The Mack LR Electric demonstrator is performing well, and we look forward to when we have one in each of our city's zones."

The seven battery-electric vehicles (BEV) will be located in the seven zones within New York City – the Bronx, Brooklyn North, Brooklyn South, Manhattan, Queens East, Queens West and Staten Island. DSNY will use a DC fast charger to charge each of the LR Electric vehicles.

"New York City has set an [ambitious goal](#) of reducing GHG emissions by 100 percent by 2040," said Rocco DiRico, deputy commissioner for support services at the New York City Department of Sanitation. "DSNY is purchasing these seven Mack LR Electric refuse vehicles in support of achieving our environmental objectives with a zero-emissions truck that is also extremely quiet."

Mack first introduced a prototype of the Mack LR Electric at WasteExpo 2018, announcing its plans to partner with DSNY for real-world testing in the largest sanitation department in the world. Serial production of the Mack LR Electric will begin in 2021. The vehicles will be built at Mack's Lehigh Valley Operations (LVO) facility in Macungie, Pennsylvania, where all Class 8 models for North America and export are assembled.



DSNY testing of the Mack LR Electric model remains ongoing. The DSNY Mack LR Electric demonstrator features twin 167-kW electric motors offering a combined output of 448 continuous horsepower and 4,051 lb.-ft. of torque available from zero RPM. The vehicle is spec'd with a two-speed Mack Powershift transmission and Mack's proprietary S462R 46,000-pound rear axles.

Four NMC (Nickel Manganese Cobalt Oxide) lithium-ion batteries, charged through a 150kW, SAE J1772-compliant charging system, offer vehicle propulsion and power for all onboard accessories, driven through 12V, 24V and 600V circuits. The three-mode regenerative braking system accounts for the refuse truck's increasing load throughout the day and helps recapture energy from the hundreds of stops the vehicle makes each day.

Featuring a copper-colored Bulldog hood ornament to signify the fully electric drivetrain, the Mack LR Electric may be fitted with equipment bodies from a number of manufacturers, allowing the truck to be tailored to each customer's unique needs. Customers will be able to choose from the same driver/passenger side driving configurations, seating choices and door options offered on the diesel-powered LR model.

For more information about the Mack LR Electric, please visit Mack booth No. 1851 at WasteExpo, your local Mack dealer or www.macktrucks.com

Dedicated to moving and building a better world, Mack Trucks has provided purpose-built transportation solutions for more than a century. Today, Mack is one of North America's largest producers of heavy-duty trucks, and Mack® trucks are sold and serviced through an extensive distribution network in many countries around the world. Mack trucks, diesel engines and transmissions sold in North America are assembled in the United States. Mack manufacturing locations are certified to the internationally recognized ISO 9001 standard for quality, ISO 14001 standard for environmental management systems and OHSAS 18001 standard for health and safety management systems. Mack is also a proud sponsor of Share the Road, an American Trucking Associations public information campaign aimed at enhancing the safety of our nation's roadways.

Mack Trucks is part of the Volvo Group, which is driving prosperity through transport and infrastructure solutions, offering trucks, buses, construction equipment, power solutions for marine and industrial applications, financing and services that increase customer uptime and productivity.

June 30, 2021

*Journalists wanting further information, please contact
Claes Eliasson, Volvo Group Media Relations, +46 76 553 72 29*

**For more information, please visit volvogroup.com/futureoftransportation
For frequent updates, follow us on Twitter: [@volvogroup](https://twitter.com/volvogroup)**

The Volvo Group drives prosperity through transport and infrastructure solutions, offering trucks, buses, construction equipment, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity. Founded in 1927, the Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. The Volvo Group is headquartered in Gothenburg, Sweden, employs almost 100,000 people and serves customers in more than 190 markets. In 2020, net sales amounted to about SEK 338 billion (EUR 33.6 billion). Volvo shares are listed on Nasdaq Stockholm.