



News Release

Wabtec's Hybrid Battery-Diesel Work Locomotives Approved for New York Subway System's Maintenance Operations

- *Hybrids to minimize emissions in tunnels during maintenance work*
- *Locomotives pass a rigorous validation process and are ready for service*

PITTSBURGH, Jan. 7, 2025 — The Wabtec (NYSE: WAB) R255 Hybrid Battery-Diesel Work Locomotives for maintenance operations have been approved by New York's Metropolitan Transportation Authority (MTA) for use across its subway network. The new additions to the maintenance fleet will reduce diesel emissions by using battery power while conducting work in the tunnels.

"These hybrid work locomotives will enable the MTA to realize its ambitious capital plan to improve subway operations by replacing an aging fleet and improving reliability," said Alan Hamilton, Vice President of Engineering for Wabtec. "It also supports a cleaner subway system for their commuters and employees, as well as a reduction in fuel consumption."

The MTA placed an order with Wabtec for the hybrid locomotives in 2020 to replace a fleet of diesel-only locomotives built in the 1960s and 70s. Wabtec built the locomotives at its design and development center in Erie, PA. The company delivered the initial hybrids in May and June 2024, which then underwent a series of tests on NYCT's subway. The comprehensive acceptance tests focused on safety, performance, interoperability, and reliability including a capstone performance test of two hybrid locomotives operating with a full train load of maintenance cars over the Manhattan Bridge.

"The success and strong performance in the testing are a testament to our collaborative effort with the MTA to design and build the hybrid locomotives," said Hamilton. "These locomotives are tailored to the unique needs of MTA's subway maintenance operations. The hybrids feature ruggedized battery pack technology designed for the demanding rail environment. This solution provides the MTA with the flexibility and features to conduct the maintenance work efficiently and sustainably."

The R255 hybrid locomotive can reduce – and under some circumstances eliminate – fuel emissions during subway construction, maintenance, and repairs, especially during extended periods at a work site. The approximately 500-kwh locomotives can work in "battery only" mode within confined work zones for up to eight hours. The batteries also can move work trains that must operate at job sites where third rail power is removed for safety.

The locomotive is equipped with external and internal cameras, as well as a digital video recorder to capture images of the track, lineside assets, and signaling equipment across the network. It also features onboard monitoring and diagnostics systems to support preventative and condition-based maintenance of the fleet.



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About Wabtec

Wabtec Corporation (NYSE: WAB) is focused on creating transportation solutions that move and improve the world. The company is a leading global provider of equipment, systems, digital solutions and value-added services for the freight and transit rail industries, as well as the mining, marine and industrial markets. Wabtec has been a leader in the rail industry for over 150 years and has a vision to achieve a sustainable rail system in the U.S. and worldwide. Visit Wabtec's website at: <https://www.wabteccorp.com/>

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