

# Allison Transmission's eGen Flex™ Electric Hybrid Solution Introduced in New York City Transit Buses

April 21, 2021

*The full electric capable eGen Flex will enhance quality of life, help protect the environment and begin revenue service in May*

INDIANAPOLIS--(BUSINESS WIRE)--Apr. 21, 2021-- Allison Transmission, a leading designer and manufacturer of vehicle propulsion solutions for commercial and defense vehicles, the largest global manufacturer of medium and heavy-duty fully automatic transmissions, and a leader in electrified propulsion systems, is pleased to announce that the eGen Flex™, its next generation electric hybrid propulsion solution, will be put into revenue service at New York City Transit (NYCT) in May.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20210421005241/en/>



Allison Transmission's eGen Flex, its next generation electric hybrid propulsion solution, will be put into revenue service at New York City Transit (NYCT) in May (Photo: Business Wire)

The electric hybrid system from Allison offers revolutionary capabilities and fully electric propulsion when customers need it, without the added infrastructure requirements of full electrification. The eGen Flex system includes full electric

drive capability for up to 10 miles, depending upon duty cycle and accessory load demands. This option will be set automatically through geofencing technology for zero emission zones and passenger depots for a quieter and cleaner environment, helping to enhance quality of life and protect our environment.

Allison's eGen Flex system is capable of improving fuel economy by up to 25 percent versus a conventional clean diesel bus, and has the ability to operate accessories such as air conditioning and electric heat at optimal efficiency with clean electric power. Moving these accessories to electric power reduces the strain on the engine, reducing fuel consumption and maintenance costs over the vehicle's lifetime. This also reduces dependence on fossil fuels at the pump, while delivering increased uptime.

"Our electric hybrid systems continue to demonstrate bottom-line operating benefits for municipalities and fleets while delivering industry-leading performance, reliability and durability," said Rohan Barua, Vice President of Sales, North America at Allison Transmission. "There are currently 2,500 NYCT buses equipped with Allison transmissions and electric hybrid propulsion solutions, and we look forward to continuing our longstanding relationship with the Authority as it transitions to our latest technology that will reduce emissions, increase fuel economy and improve the overall ease of rideability and quality of life for passengers."

As the largest public transportation agency in North America, the New York City Transit Authority currently operates more than 5,700 buses. Approximately 2.2 million residents rely on the bus system each weekday to commute to work, travel to school, and access other essential services. NYCT is collaborating with Allison to put the eGen Flex electric hybrid system into revenue service to advance sustainable technologies that will improve their environmental footprint, reduce their dependence on fossil fuels, and provide a better experience to their ridership.

The eGen Flex allows transit fleets to evaluate electric capability and their electric range needs, while still having the resiliency of a diesel range extender, whether needed for longer routes, route flexibility, unplanned congestion on routes, or an inability to recharge due to power grid challenges. For more information on the eGen Flex, please visit <https://www.allisontransmission.com/ev-solutions/egen-flex>.

## About Allison Transmission

Allison Transmission (NYSE: ALSN) is the world's largest manufacturer of fully automatic transmissions for medium- and heavy-duty commercial vehicles and medium- and heavy-tactical U.S. defense vehicles, as well as a supplier of commercial vehicle propulsion solutions, including electric hybrid and fully electric propulsion systems. Allison products are used in a wide variety of applications, including on-highway trucks (distribution, refuse, construction, fire and emergency), buses (school, transit and coach), motorhomes, off-highway vehicles and equipment (energy, mining and construction applications) and defense vehicles (wheeled and tracked). Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA. With a market presence in more than 80 countries, Allison has regional headquarters in the Netherlands, China and Brazil with manufacturing facilities in the U.S., Hungary and India. Allison also has approximately 1,500 independent distributor and dealer locations worldwide. For more information, visit [allisontransmission.com](http://allisontransmission.com).

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