

新聞稿

Press Release

PR036/24
8 June 2024

MTR Progressively Acquires More Than 30 Electric Buses First Electric Bus Makes Its Debut

As a low-carbon transport provider, MTR Corporation has always been committed to reducing carbon emissions through different measures. The Corporation announced that the first electric bus has completed a series of tests and approvals and makes its debut today (8 June 2024) on MTR Bus Route K54 which connects Wo Tin Estate, Siu Hong Station and Tuen Mun Town Centre, providing green transportation in the community.

The Corporation previously received funding from the New Energy Transport Fund of the Environment and Ecological Bureau to purchase the first electric bus and install charging facilities. The newly introduced electric bus reduces carbon emissions by over 60% and runs more quietly compared to a traditional diesel bus and also offers a comfortable and eco-friendly ride to passengers with thoughtful interior design and spacious seats (see appendix). During bus braking, the electric bus equipped with energy regenerative braking system can convert some kinetic energy into electrical energy which is then fed back to power the onboard facilities, further enhancing battery performance. In addition, the use of electric-motor reduces the energy consumption of running the engine during idle periods, making them suitable for feeder bus routes with frequent passenger pick-ups and drop-offs.

“As a low-carbon transport provider, MTR Corporation has been actively reducing its carbon footprint and implementing various eco-friendly measures. With the introduction of the first electric bus, residents of the Northwest New Territories will be able to enjoy more comfortable and environmentally-friendly feeder bus services,” said Ms Jeny Yeung, Managing Director - Hong Kong Transport Services of MTR Corporation.

MTR provides feeder bus services for residents in the Northwest New Territories, carrying a daily average of over 160,000 passengers through the community. With the first electric bus commencing service today, the Corporation will further expand the electric bus fleet to gradually replace traditional diesel buses. The plan is to introduce at least 30 electric buses by the end of 2026 and increase charging facilities.

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About MTR Corporation

To Keep Cities Moving, MTR makes encounters happen and rendezvous for a more connected tomorrow. As a recognised world-class operator of sustainable rail transport services, we are a leader in safety, reliability, customer service and efficiency.

MTR has extensive end-to-end railway expertise with 45 years of railway projects experience from design to planning and construction through to commissioning, maintenance and operations. Going beyond railway delivery and operation, MTR also creates and manages dynamic communities around its network through seamless integration of rail, commercial and property development.

With more than 50,000 dedicated staff*, MTR carries over 10 million passenger journeys worldwide every weekday in Hong Kong, Mainland China, Australia, the United Kingdom and Sweden. Together, we Go Smart and Go Beyond.

For more information about MTR Corporation, please visit www.mtr.com.hk.

*includes our subsidiaries, associate

Photo Caption:

1. Mr David Chan, Head of Line Group Management - Tuen Ma Line, Light Rail and Bus announced that MTR's first electric bus, which is deployed onto MTR Bus Route K54, officially commenced service today (8 June 2024). The Corporation plans to introduce at least 30 electric buses by the end of 2026 and add more electric bus chargers to inject new green power into urban transportation.



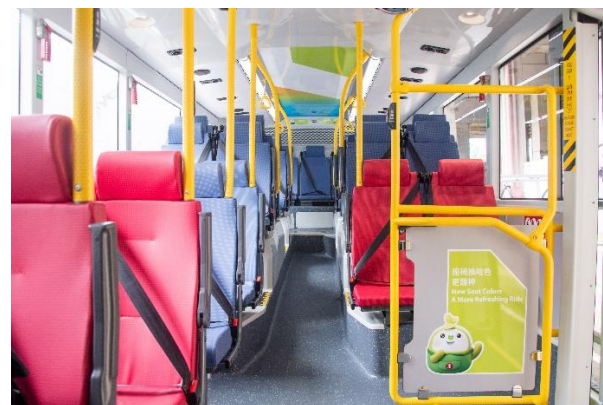
2. The MTR's first electric bus made its inaugural trip today, attracting over a hundred participants. During the event, the Corporation distributed souvenirs to passengers who participated in the first ride as a token for their support to green transportation.



Appendix:

The first MTR electric bus was manufactured by Alexander Dennis in the United Kingdom and is equipped with multiple new facilities to provide a better riding experience, including:

Attractive Design - The bus exterior combines classic white and green colours, symbolising the commitment to low carbon emissions, accompanied by the slogan “Go Green Go E-BUS”. Inside the bus, stickers are added to provide information about the electric bus, while the seats have sleek blue and red designs, showcasing a minimalist aesthetic.



Well-lit and Comfortable Train Compartments - The seats on the upper deck are more spacious, providing a comfortable riding experience. Transparent glass windows are installed between the upper and lower decks, allowing better natural lighting.



Eco-friendly Facilities Installed - The bus roof is equipped with solar panels to power the bus ventilation system using solar power. In addition, the bus fully adopts LED lighting and has zero emissions while in operation.



Basic Information:

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| Dimensions | 12 metres length / 2.55 metres width / 4.4 metres height |
| Maximum Speed | 70 kilometres/hour |
| Passenger Capacity | 115 passengers |
| Driving System | Electrical Drive System |
| Exhaust Gas Treatment System | No |
| Charging Time | Around 3 hours |