More BYD ADL Enviro200EV headed for New Zealand with Red Bus order

13th June 2018

Christchurch operator Red Bus will introduce New Zealand’s first fully electric urban bus service early next year with three Enviro200EV single deck battery buses ordered from Alexander Dennis Limited (ADL). The 12m long buses will be fully air-conditioned and will carry 60 passengers.

The electric buses, to be delivered by March 2019, will be used on direct route 29 between the city centre and Christchurch Airport, which carries over 200,000 passengers per year. Their ability to run all day on the airport service without recharging allows them to fully replace three existing diesel buses.

Red Bus Chief Executive Paul McNoe says: “Using electric buses on the airport service achieves four objectives simultaneously; an improvement of customer service through lower internal and external noise levels, the immediate and long term reduction in local exhaust emissions, reduced carbon consumption for this service and the opportunity to demonstrate the latest vehicle technology to our Christchurch residents.

“We are expecting immediate environmental and health benefits from these battery electric powered buses. The zero tailpipe emissions reduce our annual carbon footprint by 5% or 290 tonnes.”

Red Bus is interested in the potential for wider use of electric buses and will be testing the new buses on other routes – including those into Christchurch’s hill suburbs – once they have settled into service.
The introduction of the buses is supported with funding from the Christchurch Agency for Energy Trust and regional council Environment Canterbury.

The Enviro200EV combines BYD’s state-of-the-art battery technology with ADL’s expertise in building lightweight, passenger-centric buses. It has been the United Kingdom’s best-selling electric bus since its introduction in 2016, with 180 in service or on order. The three Enviro200EV for Christchurch follow on from two similar vehicles that have been returning very positive operational results in Auckland since their introduction earlier this year.

Tony Moore, ADL General Manager New Zealand, says: “The Enviro200EV has a proven track record of delivering cleaner public transport, and together with our partner BYD we are delighted to bring this electric bus to Christchurch. We look forward to supporting the vehicles through ADL’s established aftermarket organisation in New Zealand to make sure they will quickly demonstrate the full potential of this exciting new technology.”

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About BYD

BYD Company Ltd. is one of China’s largest privately owned enterprises. Since its inception in 1995, the company quickly developed solid expertise in rechargeable batteries and became a relentless advocate of sustainable development, successfully expanding its renewable energy solutions globally with operations in over 50 countries and regions. Its creation of a Zero Emission Energy Ecosystem – comprising affordable solar power generation, reliable energy storage and cutting-edge electrified transportation – has made it an industry leader in the energy and transportation sectors. BYD is listed on the Hong Kong and Shenzhen Stock Exchanges. More information on the company can be found at http://www.byd.com.
About Alexander Dennis Limited

Alexander Dennis Limited (ADL) is Britain's biggest bus and coach manufacturer and a global leader in the manufacture of lightweight, fuel-efficient vehicles. It employs 2,500 people and supports a further 1,500 through build partnerships in Europe, Hong Kong, China, Malaysia, New Zealand, Mexico, the USA and Canada.

The success of ADL has been built on the premise of designing, engineering and manufacturing stylish yet reliable low and zero emission vehicles, which deliver lowest total cost of ownership, backed by unrivalled aftermarket support.

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