

Sydney Light Rail Commences Revenue Service

Light Rail returns to the heart of Sydney



KEY TAKEAWAYS

- 60 Citadis X05's
- APS Wire-free operations
- HESOP Reversible Substations
- 19 years maintenance

14 December 2019 – Alstom congratulates Transport for New South Wales (TfNSW), on the opening of the CBD and South East Light Rail project and the start of revenue service, returning Light Rail back down Sydney's George St for the first time in more than 60 years.

Alstom, as part of the ALTRAC Light Rail consortium¹, has been responsible for the integrated light rail system that included the design, delivery and commissioning of 60 Citadis X05 Light Rail Vehicles (LRV), power supply equipment including APS – the wire-free ground-based power supply (over two kilometres), the energy recovery substations - HESOP, signalling, communications, depot equipment and 19 years of maintenance.

The new 12km network has been delivered under a turnkey PPP model that will provide the commuters of Sydney with frequent, reliable, high capacity services running from Circular Quay in the city's CBD to Central Station, then south east to Randwick. Each LRV has a capacity of 450 passengers – the equivalent of nine standard buses and will move up to 13,500 commuters per hour (6,750 in each direction) during peak times once fully operational. Normal tram services will operate seven days a week between 5am and 1am

As part of the contract, the consortium has also taken over the operations and maintenance of the existing Inner West Light rail (IWLR) that connects Sydney's inner west with the Pyrmont peninsula, Darling Harbour and the southern CBD. Alstom is also responsible for the maintenance of the existing system which includes 12 CAF Light Rail Vehicles.

“Alstom is extremely proud to be a part of this iconic project” said Mark Coxon, Managing Director for Alstom in Australia & New Zealand, “This new Light Rail system will transform Sydney and provide a step change in the city's public transport capability and reliability while protecting the aesthetic appeal of the CBD and improving sustainability of the overall transport network”

¹ Made up of Alstom, Transdev, Acciona and Capella

Sydney's trams have been equipped with the latest technologies such as permanent magnet motors which provide smooth traction and reduce energy consumption. The Citadis X05 for Sydney focusses on the passenger experience and offers high-end comfort, including double-doors for improved access and passenger flows, large balcony style windows, multi-purpose areas, ambient LED lighting and the highest levels of customer safety including constant CCTV monitoring, emergency intercoms and the latest way-finding aids for customer information and real time travel information. The coupled vehicles are 67 metres long, which makes the Sydney LRV's amongst the longest in the world.

About Alstom Leading the way to greener and smarter mobility worldwide, Alstom develops, and markets integrated systems that provide the sustainable foundations for the future of transportation. Alstom offers a complete range of equipment and services, from high-speed trains, metros, trams and e-buses to integrated systems, customised services, infrastructure, signalling and digital mobility solutions. Alstom recorded sales of €8.1 billion and booked orders of €12.1 billion in the 2018/19 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 36,300 people.

Contacts

Press:
Christopher English – Tel. + 33 1 57 06 36 90
Christopher.english@alstomgroup.com
Sheldon Young (Australia) – Tel.: +61 419 322 624
sheldon.young@alstomgroup.com

Investor relations:
Julie Morel – Tel. + 33 6 67 61 88 58
julie.morel@alstomgroup.com