

JET Charge partners with Team Global Express to pioneer Australian-first electric vehicle depot of the future

In an Australian first, the country's largest EV charging infrastructure company, JET Charge, has partnered with freight giant Team Global Express to provide innovative charging solutions for the country's largest fleet of electric delivery vehicles, and among one of the biggest in the world.

Team Global Express received \$20.1 million in funding from ARENA (the Australian Renewable Energy Agency) as part of the Driving the Nation Fund to deliver 60 electric trucks alongside a comprehensive charging infrastructure at the company's Bungarabee depot in Western Sydney.

"We are thrilled to contribute to what is undoubtedly a landmark project in the logistics sector – not just for JET Charge, but for the entire country," says JET Charge CEO Tim Washington.

With heavy transport representing 17% of all emissions in Australia, it's critical Australia addresses this to meet our emission reduction targets. Recognised as the biggest logistics transition project within the country, this project sets new standards for the transport industry and showcases a huge leap in infrastructure capability.

JET Charge was involved in various stages of the project, including concept design and initial planning, a significant input into the final design's efficiency and effectiveness, charger supply tailored to the project's needs, fit-off commissioning to ensure all systems were correctly installed and operational, ongoing maintenance and support, and dashboard monitoring and reporting.

Underpinning and making the design possible was JET Charge's advanced energy management system, JET Charge CORE, allowing the project to utilise existing electrical infrastructure without the need for a new high voltage connection, allowing the charging to operate around the use of onsite equipment and preventing tripping at the site.

"The Team Global Express depot's state-of-the-art charging infrastructure doesn't only improve operational efficiency; it also sets a new standard for environmental stewardship in logistics," Tim says. "JET Charge's dedication to conceptual design, energy management, and advanced technological integration has been instrumental in realising this vision. We believe this project serves as a shining example for others to follow, marking a significant step towards a greener, electric future."

The technical stuff

The pioneering design approach combines both AC and DC charging systems, underpinned by an energy management system, serving as a model for future projects. JET Charge provided:

- 47 x JET Charge AC ChargeMate units equipped with pedestals, all manufactured in Australia.
- 2 x 400kW Kempower DC chargers each with 8 x CCS2 charging satellites for rapid charging.
- JET Charge CORE energy management system.

End

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