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Briefcase: Business snippets from around SA

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Electric triple road train hits South Australian roads

South Australian mining company OZ Minerals has partnered with two other Australian companies to trial what it claims as the world's first electric triple road train using a powerful battery charged by renewable energy.

Janus Electric has converted a diesel truck owned by Qube into an electric truck which will be tested by OZ Minerals for operations and shipping from Carrapateena Mine over the next 12 months.

Designed for the mining industry, the zero-emissions technology provides high torque and power, making it capable of hauling the weight of a triple road train.

With a range of up to 400 kilometres on a single charge, the technology is capable of making the 200 kilometre journey from the Port Augusta battery replacement station to OZ Minerals' Carrapateena Mine, as well as supporting other OZ Minerals mining operations.

Batteries can be exchanged within five minutes at a recharging and replacement station installed at Port Augusta.

According to Janus Electric, any prime mover can be retrofitted with the technology for the same cost of rebuilding a diesel engine.