

> Sustainable technology provides South Australia's first electrified passenger train network

Adelaide, Feb 01, 2013

Today the Minister for Transport and Infrastructure, the Hon Tom Koutsantonis visits the site of the Siemens and John Holland rail electrification project for the Noarlunga and Seaford rail lines.



This project is delivering the electric Traction Power Infrastructure on these rail lines as part of the of the South Australian governments' Rail Revitalisation project. The project will result in faster, quieter and more frequent services to the network.

Siemens Vice President, Rail Systems, Paul Bennett says rail electrification provides a much more sustainable solution to rail travel resulting in increased efficiency, reduced noise and air pollution along the rail lines.

"We're pleased to be a part of this significant project that is investing in the future of Adelaide's transport.

"Our proven track record in Australia and New Zealand with traction power projects in Perth, Auckland and all over central Queensland show we have the knowledge and experience to supply and deliver electrification projects," Mr Bennett said.

The project includes the detailed design, procurement, construction, testing, commissioning and warranty for a complete 25kV traction power system including a SCADA system that monitors and controls the equipment.

The additional use of Siemens SVC PLUS technology in the substation increases power quality. This reduces the risk of power failures, improves the stability of the system and is a fast, efficient and cost-effective solution.

Mr Bennett says that Siemens equipment is designed to take up minimal space trackside, resulting in reduced life cycle costs of installation and in operation.

"Through the close partnership with the Department of Planning, Transport, and Infrastructure, and John Holland we are helping to deliver to Adelaide more reliable power for sustainable transport," Mr Bennett said.

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