

Gawler Rail Electrification Project

Services are expected to commence in April 2022. Please see below for an update on the project.



Critical testing is underway on the Gawler rail line as the vital and long-awaited electrification project enters its final stages.

The main civil works are complete, with 58km of new common services trench (CST) constructed, more than 350km of conduit and 456km of signalling cable laid and overhead wiring installed. Concrete foundations and masts, which support the overhead wiring network, have also been completed.

The project is now focusing on completing the installation of the new signalling system, followed by testing and commissioning of the new infrastructure ahead of returning passenger rail services.

Testing and commissioning

An extensive program of testing and commissioning of the new electrification infrastructure is currently underway.

Testing and training will include both diesel and electric trains operating along the new corridor, followed by driver training to familiarise drivers with the new line.



The final section of overhead wiring was installed on Friday, 14 January 2022

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Temporary changes to local traffic

To safely undertake commissioning of the new signalling and overhead wiring infrastructure, some temporary level crossing and road closures will continue to be required.

There will also be some partial road closures, speed and lane restrictions in place.

Nearby properties and road users will be advised of upcoming traffic impacts. Motorists are advised to plan ahead, allow extra travel time and observe signage.



The electrification of the Gawler rail line has included the installation of masts and overhead wires within the rail corridor to allow electric trains to operate on it.

Railway overhead wires and supporting infrastructure within the rail corridor are dangerous if interfered with, carrying 25,000 volts of electricity.

The system is designed, installed and maintained so that normal behaviour by members of the public will not pose a risk to public safety.

Like overhead wires on stobie poles on our streets, the railway overhead wires and supporting structures should be treated with respect at all times.

For more information about how to Stay Switched On, visit www.dit.sa.gov.au/stayswitchedon

Contact us

Project Information

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Pedestrian safety

As test trains commence operating and services on the Gawler rail line resume, pedestrian and cyclists are reminded to take care around the rail network.

Look both ways for trains and be aware of your surroundings at all times.

Only cross at level crossings and at recognised pedestrian crossings. Don't take shortcuts along or across the railway lines.

If you have children make sure they are aware of the dangers of electrical wires and they know not to play or walk near the train tracks.

During testing and commissioning activities, please observe signage and follow directions from traffic controllers if they are present.

Station improvements

A number of stations along the Gawler rail line are also being refreshed as part of a \$20 million program to provide a better commuter experience when services resume.

Visit www.dit.sa.gov.au/stationrefresh

Passenger information

Rail services across the passenger transport network will be impacted in February for testing and commissioning of the Gawler rail line.

Gawler substitute buses will continue to operate until passenger rail services resume.

For passenger service information, please call the Adelaide Metro InfoLine on 1300 311 108 or visit www.adelaidemetro.com.au

Thank you

We're looking forward to resuming passenger rail services between Adelaide and Gawler and getting passengers back on board.

We recognise the closure of the Gawler rail line has been inconvenient but we're working hard and appreciate your co-operation and patience while these important works are undertaken.