



Rivervale to Cannington transmission line upgrade

PROJECT UPDATE AUGUST 2007

Western Power is resuming works to upgrade the 132,000 volt (132 kV) transmission line in Lathlain, Carlisle, Welshpool and Queens Park.

Project overview

To meet the growing demand for electricity, Western Power is upgrading the transmission line in Lathlain, Carlisle, Welshpool and Queens Park. This upgrade will increase the capacity of the electricity network and will improve the reliability of power supply in your area.

Project elements

Elements of the project include:

- Installation of nine steel poles;
- The replacement of old timber poles with new timber poles; and
- Stringing of new power and earthing wires on poles.



Example of 132 kV steel pole

Project timeline*

August 2007

Installation of 9 steel poles

August – October 2007

Replacement of timber poles

October 2007

Stringing of new 132 kV transmission conductors (wires)

* subject to change

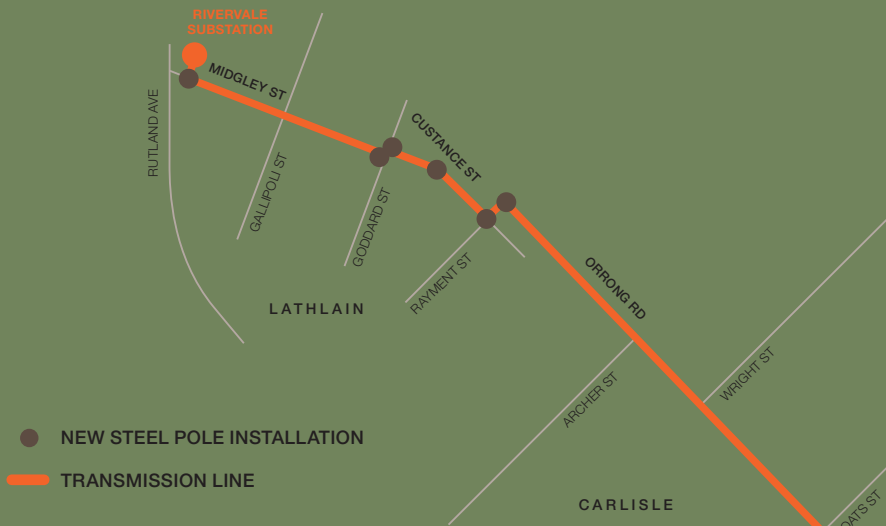
Project background

Transmission lines transport high voltage electricity from generation stations to substations, where power is reduced to lower voltages for distribution to homes and businesses.

In preparation for the transmission line upgrade, Western Power has carried out work on the distribution line that traverses along a section of the transmission line route. Some of the transmission line upgrade work was completed in May 2007. Foundations for the nine steel poles on the line have already been installed and most of the timber poles between Railway Parade and Orrong Road have been replaced with new ones.



Example of 132 kV timber pole



How the work will take place

The transmission line upgrade involves the installation of nine steel poles on the corners of the transmission line route. The self-supporting steel poles allow the transmission line to change direction without the need for backstays, which are currently used to support the timber poles at these locations. The steel poles will be installed over two Sundays on 19 and 26 of August.

Between August and October the timber poles along Orrong Road, Custance Street and Midgley Street will be replaced with new timber poles. Once the new poles have been installed, the conductors (wires) will be strung to complete the line upgrade. The line will then be tested and commissioned before putting it into service.

Western Power ensures that there will be minimal impact to the local community during the planned work.

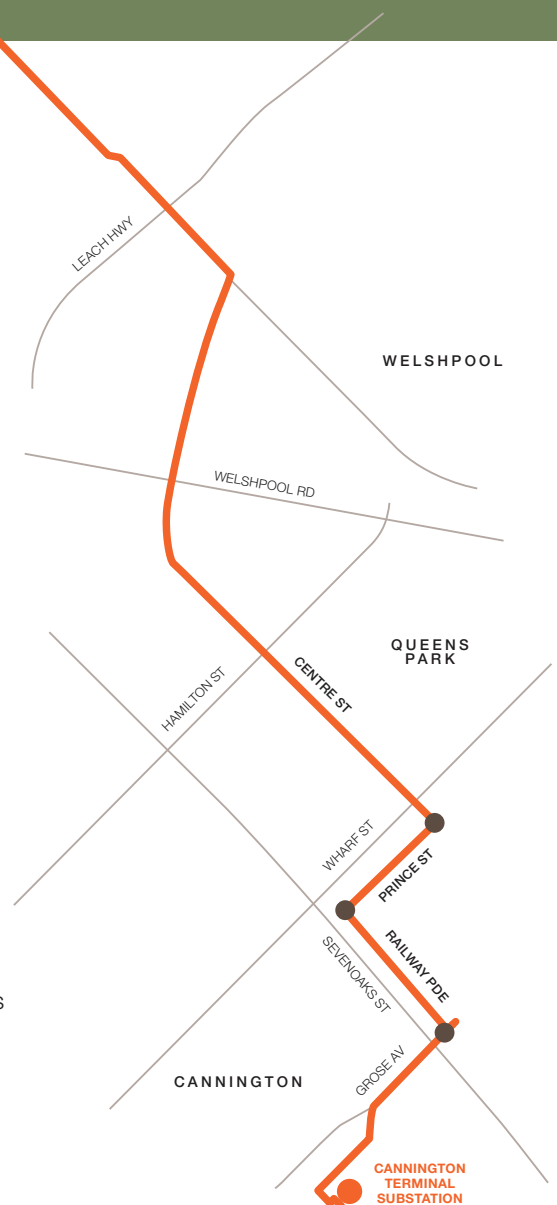
Questions and answers

Will there be power interruptions during the work?

No. Western Power will undertake this work without interrupting power to surrounding homes and businesses. If for some reason power supply must be interrupted, Western Power will provide the affected customers with adequate prior notice.

Will there be traffic detours?

Western Power is working with Main Roads WA and Local Government Authorities to develop traffic management plans for the upgrade works. Residents however, can expect some minor traffic delays/disruptions along the transmission line route. The work along Orrong Road will require one city-bound lane to be closed and the traffic appropriately detoured. Appropriate signage will be placed along the line route.



Contact

For more information on this project please call
 Project Officer David Smith on 9326 6374
 or email da.smith@westernpower.com.au

For more information on other Western Power projects
 visit our website on www.westernpower.com.au