

Construction works at Woree Substation

April 2022

Dear neighbour,

We are writing with information on construction works taking place at Powerlink's existing Woree Substation to install essential new 275kV equipment at the site.

To minimise impacts on customers and ensure electricity supply remains unaffected during the project, construction will be conducted over several stages. Works will commence in early May 2022, with completion expected in mid-2023 (weather dependent). These activities will not result in any planned electricity outages. No expansion of the substation site is required and all construction activities will take place on Powerlink-owned land.

Project overview

The Woree Substation has been in service for more than 20 years and plays a key role in supplying electricity to the Cairns area and Far North Queensland.

As part of works to deliver the Northern Queensland Renewable Energy Zone, which involves upgrading Powerlink's existing 132kV transmission network between Townsville and Cairns to 275kV capacity, Powerlink is completing critical activities at the Woree Substation. This involves installing a range of 275kV equipment at the substation to support the transmission upgrade.

Together with additional work at other substations in North Queensland, this work will improve the reliability and security of electricity supply and make the north's transmission network more storm and cyclone resilient. This additional capacity will also provide more opportunities for new renewable energy projects in the region to connect to the electricity grid.

Works being completed

Various machinery will be used to complete the works, including boring equipment, excavators and cranes. Construction vehicles will be present in and around the site. Care will be taken to minimise any potential noise and dust resulting from this work.

Our working hours are typically between 6.30am and 6.30pm, with crews working every second weekend. Powerlink does not expect any major works to be performed outside of these hours. We will inform you in advance of any changes to these times.

Minimising potential impacts

We are committed to safely managing any potential impacts associated with this work at Woree Substation. At all times, we aim to conduct our activities with as little disruption as possible to the wider community. The project will also be undertaken in accordance with rigorous environmental management requirements, which outline how potential impacts will be minimised and managed.

Traffic management

We are mindful of the industrial nature of this substation's location and will take all reasonable and practicable measures to minimise impacts to local traffic.

Nearby businesses may notice an increase in traffic as vehicles access the site during peak construction periods. Traffic movements will be consolidated across work crews and construction vehicles wherever possible. Comprehensive traffic management plans will be in place to help minimise any potential interruption.

Further information

We will keep you informed about project milestones as construction progresses. If you would like more information in the meantime, please contact:

Bernie Jefferies
Landholder Relations Advisor
Ph 0439 967 607

Powerlink thanks you for your patience and cooperation as we undertake this important work.

About Powerlink Queensland:

Powerlink Queensland is a Government Owned Corporation that owns, develops, operates and maintains the transmission network in Queensland. We connect Queenslanders to a world-class energy future, providing electricity to five million Queenslanders and 238,000 businesses. We are also responsible for connecting large-scale renewable energy developments, including wind and solar, and providing electricity to large industrial customers in the rail, mining and LNG sectors. Visit us: www.powerlink.com.au.



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