

Bayview Heights to Davies Creek Transmission Line Refit Project Commencement of on-ground works

July 2023

Dear stakeholder,

We are writing to inform you about work taking place from late July 2023 to December 2025 on Powerlink's Bayview Heights to Davies Creek transmission line.

This 275kV line has been in service since 1998. Following inspections completed last year, we have identified case-by-case refit work that needs to occur to ensure the continued safe and reliable supply of electricity to Far North Queensland.

Overview of work

A refit project extends the life of existing towers and is a cost-effective solution to ensure our transmission network continues to reliably support existing and future network demand.

This project involves refitting 21 towers. Activities will vary at each tower site and may include:

- checking and replacing any corroded nuts, bolts and steelwork
- re-installing or upgrading earthing systems
- replacing tower signs and anti-climbing barriers
- foundation repair works
- cleaning, surface preparation and hand painting of towers.

Powerlink staff and contractors will access these towers over multiple visits to complete different activities. The project team is working in various locations along the transmission line until December 2025, weather and site conditions dependent.

How this may impact you

During the dry season between April and December (Monday – Saturday), some transmission towers located in the Copperlode Falls Dam area require access via Lake Morris Road. Construction traffic will travel in a convoy where possible, to minimise potential impacts and maintain safety considerations for other road users. Due to the number of community and recreational groups that use this stretch of road for training and events, it is important that local groups are aware of these impacts. Powerlink will provide regular updates as work progresses.


Cleaning, surface preparation and hand painting of towers

Towers are prepared for painting using a pressurised water stream containing garnet to remove any rust and leave clean steel. Garnet is a natural, non-toxic material commonly used by the building, energy and maritime industries. Powerlink will adhere to guidelines around using garnet for this work. Tower painting is done by hand to reduce the likelihood of paint drifting from the immediate area.

You will notice work crews, machinery and vehicles near our towers to safely and efficiently complete this work. There will also be increased noise levels from the equipment being used at the pre-painting and surface preparation stage. As with all of our activities, care will be taken to minimise any disturbance.

Wherever possible, we will schedule cleaning activities during times which will reduce impacts on nearby residents and the local community. Our environmental management requirements will





ensure this tower preparation work only occurs in favourable weather conditions, is regularly monitored and the immediate area is protected. Our working hours are typically between 6.30am and 6.30pm, Monday to Saturday.

Minimising potential impacts

At all times, we aim to conduct our activities with as little disruption as possible.

Powerlink will undertake all reasonable actions to fulfil our general biosecurity obligation under the *Biosecurity Act 2014* to ensure that in carrying out our activities, we do not spread or introduce biosecurity matter (weeds, pests, pathogens and diseases). We are committed to working with landholders to determine practicable and risk-based biosecurity management requirements. Please contact the Powerlink representative below if you would like to further discuss general biosecurity considerations.

Further information

Powerlink is committed to keeping you informed about our activities. If you would like any further information, please contact:

Dave Hunter
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Powerlink thanks you for your patience while we undertake this important work.

About Powerlink Queensland:

Powerlink is a State Government Owned Corporation, which owns, develops, operates and maintains the high voltage electricity transmission network that extends 1700km from north of Cairns to the New South Wales border. Find out more about us by scanning the QR code below or visiting www.powerlink.com.au.



For further information:
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