



POWERLINK QUEENSLAND

Network maintenance and refit activities

We are committed to ensuring a safe, affordable, reliable and sustainable electricity supply for Queensland by regularly maintaining our transmission lines, substations and communication sites.

About this brochure

Powerlink's network extends 1,700km from Cairns to the New South Wales border and comprises 15,559 circuit km of transmission lines and 154 substations.

This brochure outlines both our routine maintenance activities and refit works, with information relevant for landholders and the wider community.

Maintenance works are activities carried out to inspect, service, repair and preserve infrastructure so it continues to operate safely, reliably and efficiently.

Refit works are planned upgrades or replacement activities to strengthen and improve existing transmission line infrastructure.

Types of maintenance and refit work

Maintenance works	Refit works
Inspecting easements and our infrastructure	Strengthening transmission tower foundations
Managing vegetation and debris to maintain safety clearances	Checking and replacing steelwork and bolts
Completing minor infrastructure works, equipment replacements and emergency repairs	Reinstalling or upgrading earthing systems
Managing access tracks	Undertaking surface preparation and painting transmission towers
Installing or replacing signage	Replacing insulators and other transmission line hardware
Installing or replacing anti-climbing barriers on transmission towers	Completing minor transmission tower stringing works (e.g. earthwire replacements)

Powerlink acknowledges the Traditional Owners and their custodianship of the lands and waters of Queensland and in particular, the lands on which we operate. We pay our respect to their Ancestors, Elders and knowledge holders and recognise their deep history and ongoing connection to Country.



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How and when work is conducted

Frequency

Routine inspections of our easements occur every two to four years.

Transmission line inspections typically take place every three years, with some areas inspected more often due to the age of our infrastructure or environmental factors.

Refit works can take place at any time, in response to specific network needs.

Methods

Work may be carried out from the ground using 4WDs, at height with elevated work platforms (EWPs), or from the air with helicopters.

Tasks are performed by Powerlink team members, Ergon Energy crews or other contractors.

Planning

Maintenance and refit activities are planned based on infrastructure needs to ensure the ongoing safe, reliable and secure operation of our transmission network.

We engage proactively and regularly with landholders in advance of delivering works to confirm access requirements, timing and the scope of works to be completed.



Working with landholders

We engage closely with landholders before any works begin. This includes discussing property access arrangements and providing detailed information about planned activities.

All property access follows Powerlink's Land Access Protocol, which sets out the standards and commitments that Powerlink staff and our representatives must adhere to when accessing land. Property-specific arrangements can be agreed upon as needed.

Minimising landholder, community and environmental impacts

Powerlink is committed to managing potential impacts during maintenance and refit works safely and responsibly.

All our activities follow strict environmental management requirements to minimise any disruption to landholders, the wider community and the environment. We are focused on delivering positive outcomes from our activities, aiming to maintain high standards of safety, environmental care and service reliability – with as little inconvenience as possible to landholders and the wider community.

Further information

General enquiries FREECALL 1800 635 369 (during business hours) and ask for Easement Maintenance

In case of emergency FREECALL 1800 353 031 (24 hours, 7 days a week)

Email easementmaintenance@powerlink.com.au

Scan the QR code or visit our website powerlink.com.au/brochures to learn more.

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