

Kamerunga to Woree Replacement Project

POWERLINK QUEENSLAND

Project update

This project newsletter provides updates and information on the following topics:

- Preliminary project engagement update
- State Government approvals - Ministerial Infrastructure Designation (MID)
- Upcoming geotechnical works along the proposed corridor
- Next steps
- Keeping you informed on project progress.

Project overview

Powerlink's Kamerunga Substation and the transmission line between the Kamerunga and Woree substations are critical components of the electricity transmission network that supplies power to northern Cairns.

Both the Kamerunga Substation and transmission line are now nearing the end of technical service life and must be replaced to ensure a safe and reliable electricity supply into the future.

Due to various constraints in the area, Powerlink has identified this project requires both an overhead and underground infrastructure solution. The replacement segments are:

- a replacement overhead transmission line between Kamerunga and Redlynch
- an underground transmission cable, situated in a new corridor, between Redlynch and Woree to replace the current overhead transmission line
- a new substation in Barron to replace the existing Kamerunga Substation.

Through detailed desktop and field investigations, Powerlink has developed a recommended corridor for further investigation and refinement.

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.



powerlink.com.au/kamerunga-woree



SAFE FOR LIFE
Everyone. Everywhere. Everyday.

Preliminary engagement update

In October 2024, Powerlink ran several community information drop-in sessions to seek feedback from landholders, Traditional Owner groups, the community and other key stakeholders on the project's Draft Corridor and Site Selection Report.

We appreciated the opportunity to hear feedback and gain insights on the recommended corridor. The main areas of feedback received included:

- flooding impacts in relation to the new substation location
- increased cyclone resilience with undergrounding a section of the transmission line
- construction timings and impacts
- future use of the easement along the existing Redlynch to Woree section
- impact to trees along the underground cable corridor.

We are in the process of finalising our investigations and where appropriate, feedback has been used to inform the final corridor.

The final corridor will be documented in our Final Corridor and Site Selection Report that we expect to release in mid-2025. The Draft Corridor and Site Selection Report is available on our website.

Ministerial Infrastructure Designation

The Final Corridor and Site Selection Report will be incorporated into a Ministerial Infrastructure Designation (MID) Assessment that will be put to the Minister for State Development, Infrastructure and Planning.

The MID process will provide planning approvals for delivery of the new substation and transmission line as a single program of works.

The process of identifying the transmission corridor requires consideration of multiple social, economic and environmental factors including:



Tenure and zoning



Future land use



Environment



Heritage values



Economic



Traffic and
community
impacts



Existing
infrastructure



Hydrology



Network
reliability

Since releasing the Draft Corridor and Site Selection Report in September 2024, further detailed studies have been underway to support finalisation of the corridor and to meet our statutory requirements.

The results of these investigations will form part of the MID Assessment that will be submitted as part of the MID application.

Geotechnical investigations along the proposed corridor



Example of drilling rig to be used during geotechnical investigations.

Powerlink will be carrying out a program of geotechnical investigations at around 67 sites along the 10.3km-long underground cable corridor and will help inform the location of the cable within the proposed corridor.

The works will involve either excavation or drilling at each site. The bulk of investigations will be completed through excavation of trenches at specific points along the corridor and will mostly remain within roadways.

These works will require changes to local traffic including lane closures, reduced speed limits and some temporary loss of street parking. Planning to finalise the location of the investigation sites and the timing of the works is underway with on-ground activities anticipated to commence in Q3 2025.

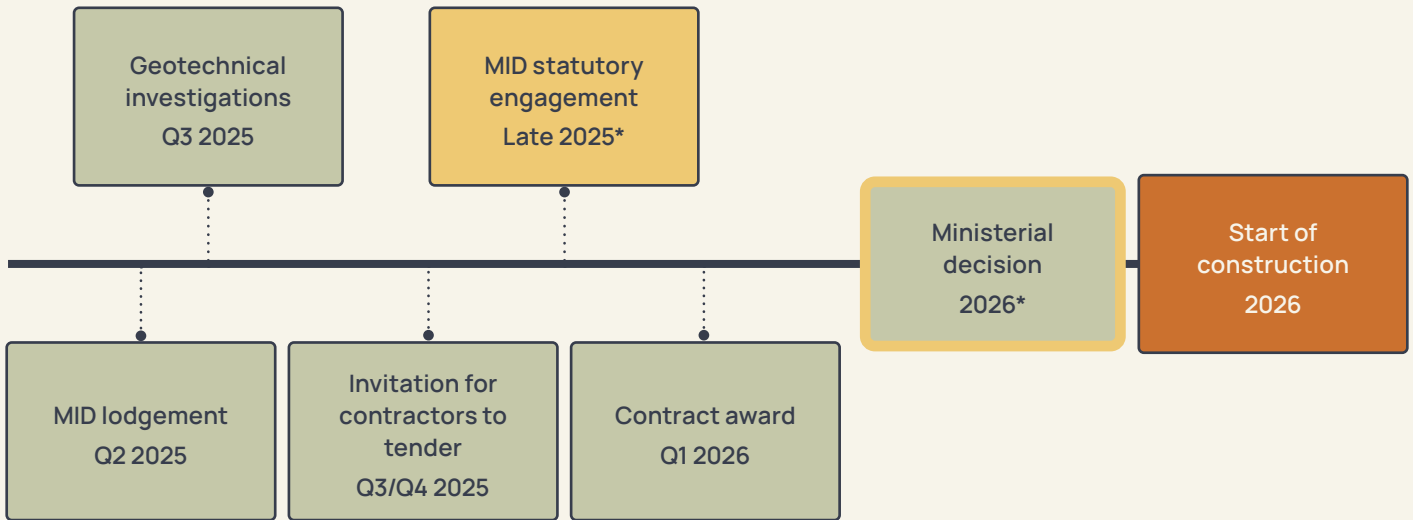
Targeted engagement with nearby residents and community members along the planned works areas will be carried out before activities commence. We will also be door-knocking impacted residents near work sites to flag the upcoming activities and advise of any potential impacts.

Geotechnical investigations along the proposed overhead corridor will be discussed and managed in conjunction with landholder requirements.

We appreciate your patience when these future investigations are carried out and are focused on delivering our activities with as little disruption as possible to local residents and the wider community.

Next steps

The project timeline below details upcoming project milestones and anticipated timings.



* Timings subject to change depending on Ministerial advice

Keeping you informed

Landholders, Traditional Owner groups, the community and other key stakeholders will continue to be updated about the project and upcoming geotechnical works through:



letterbox drops
to properties in
the project area



project
newsletters



door-knocking
impacted
residents



website
updates



social
media
posts

We encourage you to contact our Project Team with any questions or comments.

Powerlink Queensland

Powerlink is a leading provider of high voltage electricity transmission network services, combining innovation with insight to deliver safe, cost effective and reliable solutions. We own, develop, operate and maintain the high voltage electricity transmission network in Queensland. Our network extends 1,700km from north of Cairns to the New South Wales border. We aim to connect Queenslanders to a world class-energy future, providing electricity to more than five million Queenslanders and 241,000 businesses.

Further information

For more information on the Kamerunga to Woree Replacement Project, please visit our project website by scanning the QR code.



We welcome your feedback via emailing kamerunga-woree@powerlink.com.au or calling 07 4034 7601.