

Banana Range Wind Farm Connection Project

Community information drop-in sessions

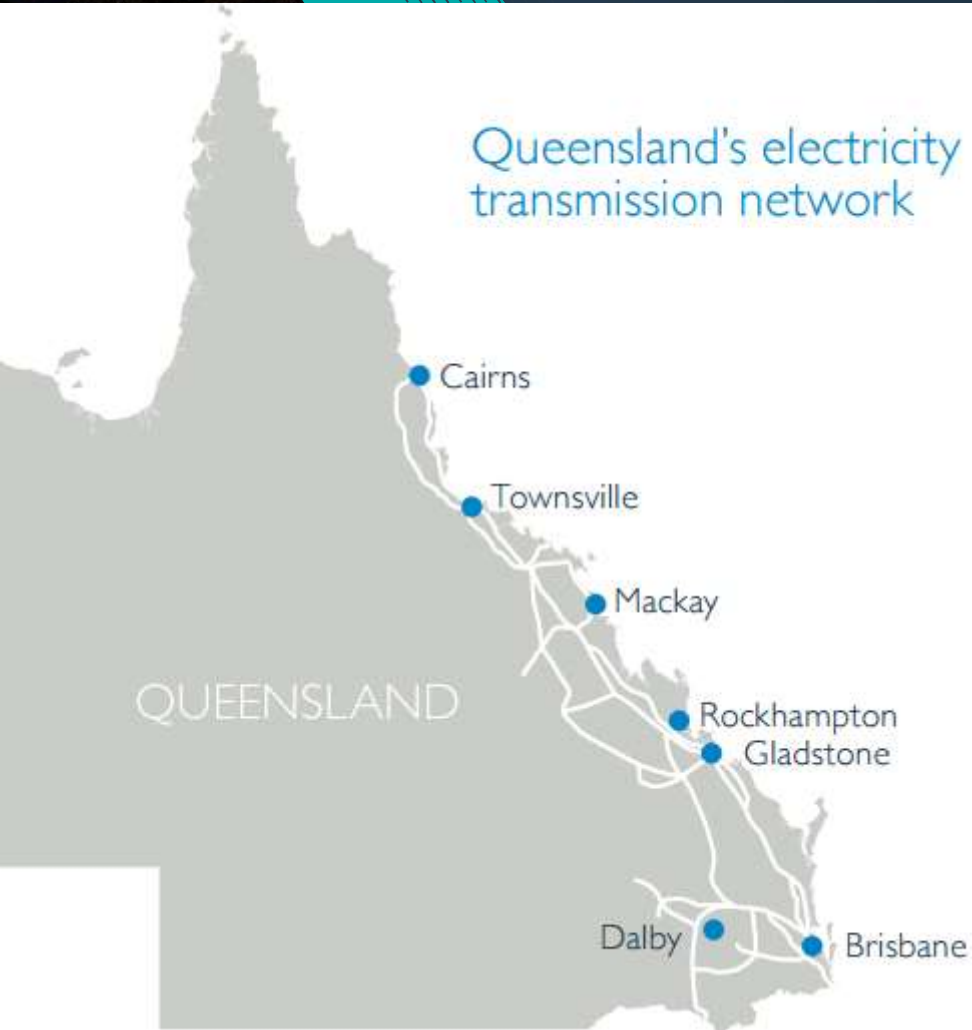
September 2022



Contents

1. About Powerlink
2. Banana Range Wind Farm Connection Project
3. Project map and potential corridor options
4. Factors affecting corridor selection
5. Early engagement activities
6. This is what we've heard so far
7. Transmission infrastructure engagement timeline for 2022/23
8. Local opportunities and benefits
9. Cultural Heritage and Native Title matters

About Powerlink



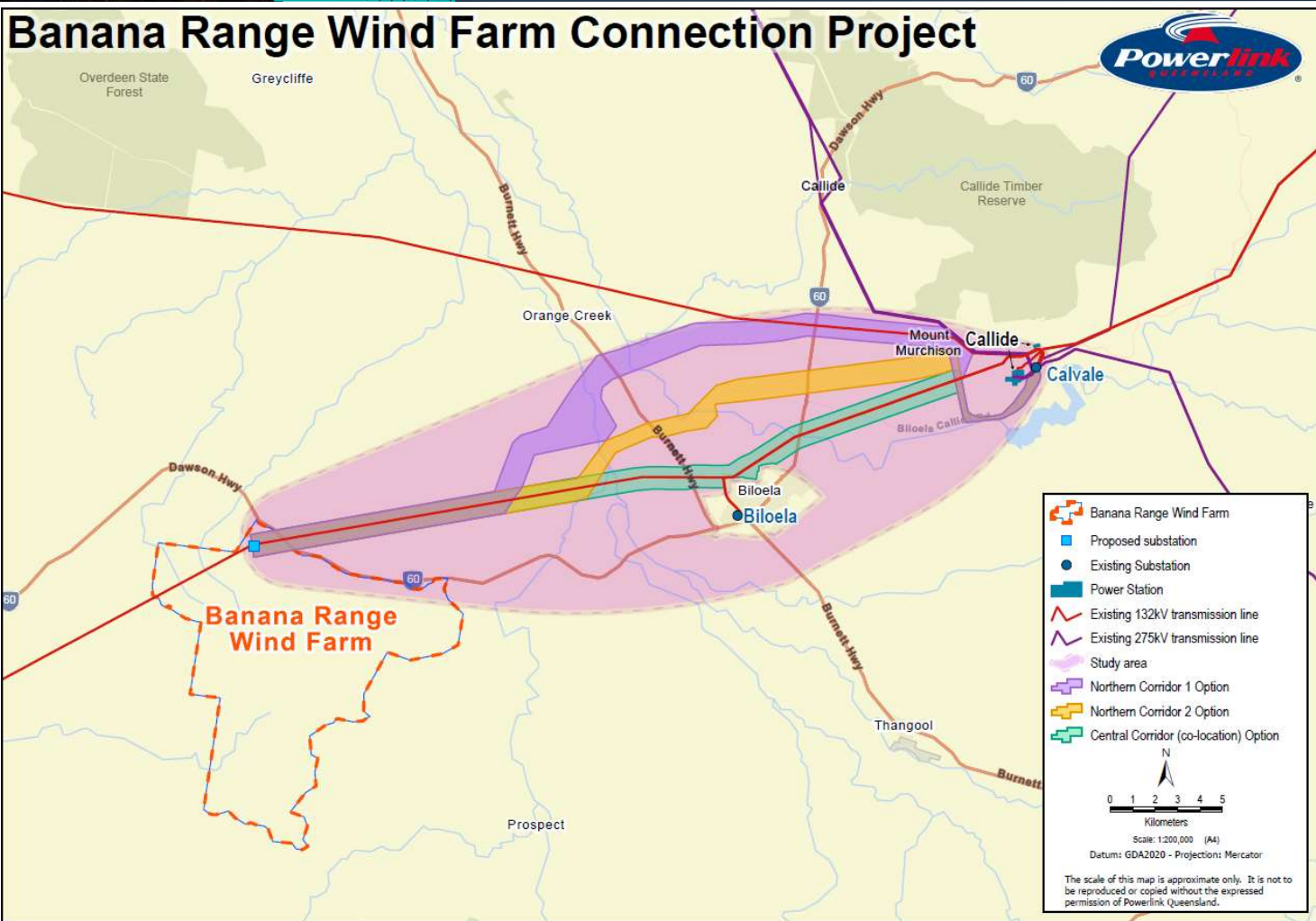
- Queensland Government Owned Corporation
- Owns, develops, operates and maintains the transmission network, providing electricity to more than five million Queenslanders and 238,000 businesses
- Transmission network runs 1,700km from north of Cairns to NSW, providing access to the National Electricity Market for a range of customers – from large-scale renewable generators to large industrial customers such as mines, rail companies and mineral processing facilities
- Committed to genuine and timely engagement with landholders and other stakeholders in planning our future network development in Queensland

Banana Range Wind Farm Connection Project



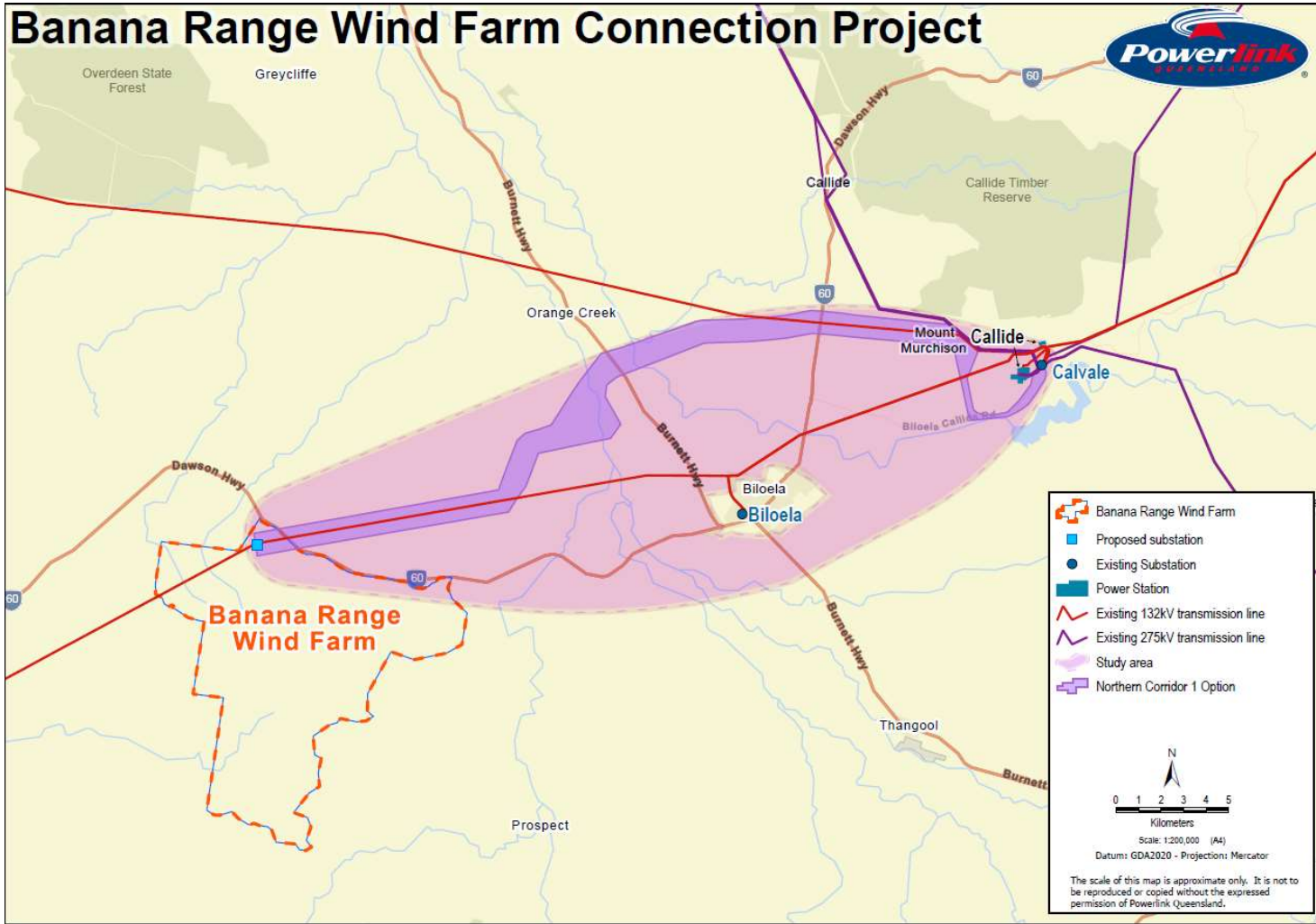
- Powerlink has been engaged by EDF Renewables under an Early Works Agreement to consider options to connect their proposed Banana Range Wind Farm to the electricity grid
- Transmission infrastructure proposed – one new substation at the wind farm site, new 275kV double circuit transmission line requiring a 60 metre wide easement
- No decisions about a corridor for the new transmission line have been made
- Initial activities include early engagement with landholders and other stakeholders, environmental studies and site survey works to identify and seek relevant approvals for the transmission infrastructure
- Powerlink is following a Ministerial Infrastructure Designation approvals process under the *Planning Act 2016*.

Project map and potential corridor options



- Following feedback from community information drop-in sessions in July 2022, along with consideration of technical information, three potential transmission line corridor options have now been identified:
 - Northern 1 option
 - Northern 2 option
 - Central option (co-location with the existing Calvale to Moura transmission line)
- We are now seeking feedback from the community regarding the three proposed transmission line corridor options
- Southern corridor option not considered viable, due to incompatibility with our criteria i.e. social impacts
- Biloela township excluded because it's highly populated.

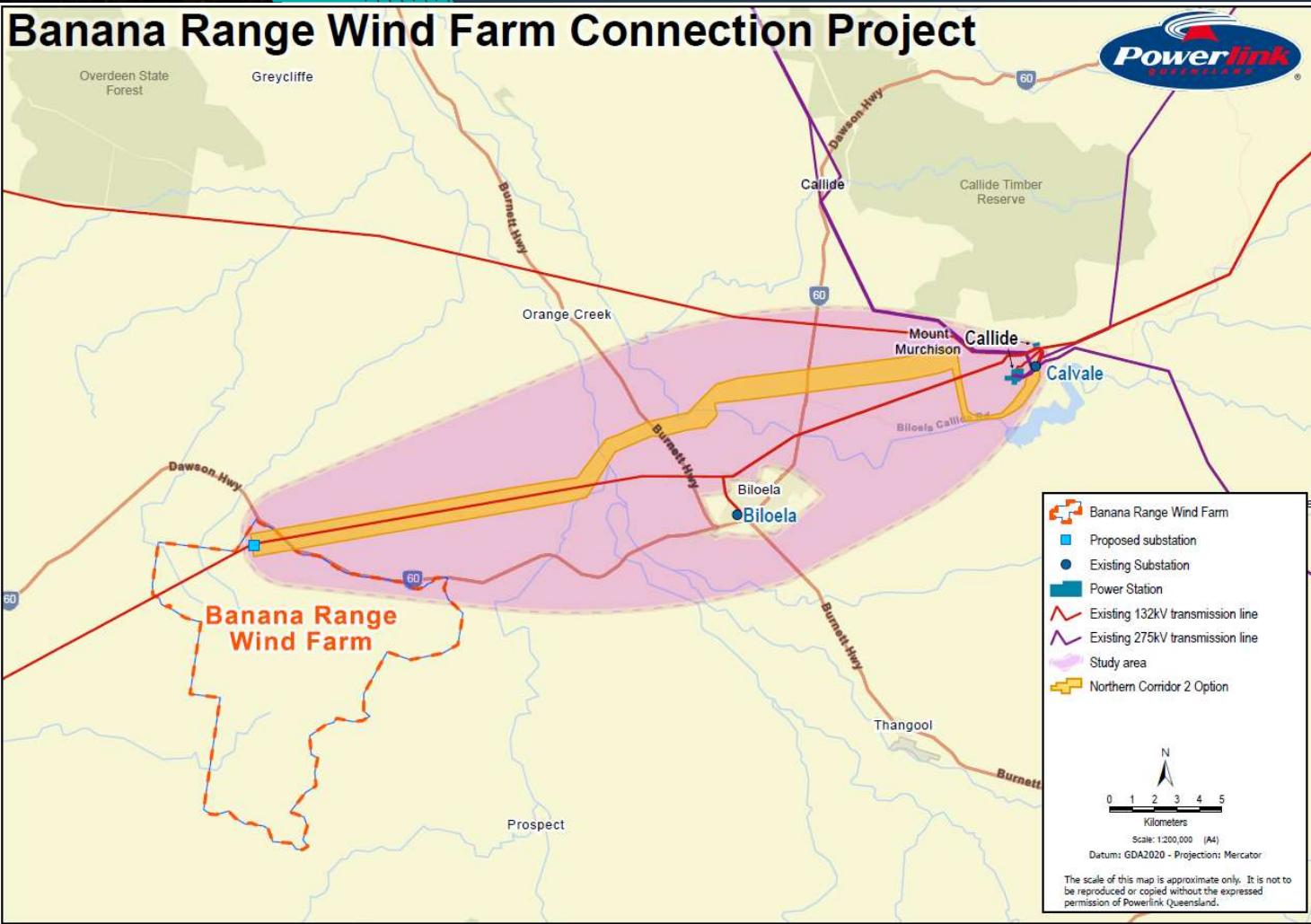
Potential corridor option: Northern 1



- Corridor length – 41km
- Co-location with existing Calvale to Baralaba and Calvale to Moura 132kV transmission line (16km)
- Some impacts on intensively cultivated areas
- Nine houses within the corridor
- 67 land parcels within the corridor
- Opportunity to follow property boundaries where possible
- Potential impact to remnant vegetation

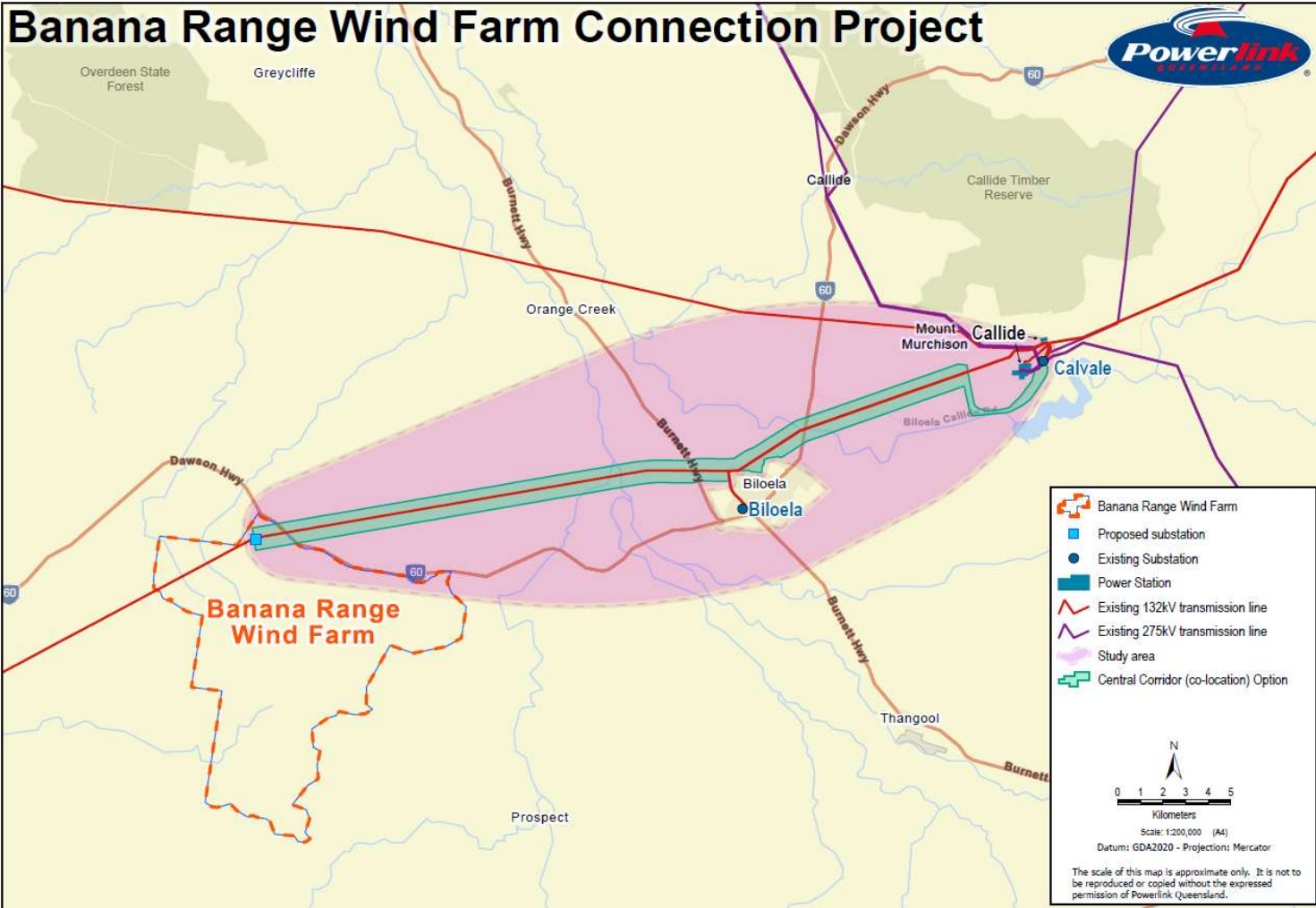
Potential corridor option: Northern 2

Banana Range Wind Farm Connection Project



- Corridor length – 38km
- Co-location with existing railway line and Calvale to Moura 132kV transmission line (23km)
- Some impacts on intensively cultivated areas
- 10 houses within the corridor
- 84 land parcels within the corridor
- Opportunity to follow property boundaries where possible
- Potential impact to remnant vegetation

Potential corridor options: Central Option



- Corridor length – 35km
- Co-location with existing Calvale to Moura 132kV transmission line (30km) – requires crossing the existing transmission line in several locations to avoid houses and businesses
- Some impacts on intensively cultivated areas
- Around 47 houses within the corridor
- Around 131 land parcels within the corridor
- Intersects larger properties and does not follow property boundaries
- Potential impact to remnant vegetation
- Biloea township excluded from the corridor

Factors affecting corridor selection

When selecting a corridor, we consider a range of factors including:


- social impacts, including proximity to residential dwellings
- topography (features of the land, such as hills and creeks)
- important agricultural land and activities
- significant Aboriginal and non-Aboriginal Cultural Heritage
- environment and conservation areas
- constructability (where it can be built)
- location of towns and high population areas
- location of existing infrastructure
- economic cost.



Early engagement activities

- A total of 40 locals attended community information drop-in sessions #1 held over three days in July 2022
- Community input and information gathering will help us to assess each option and decide on a corridor that has the least overall impact
- We are working with landholders in the study area and study corridors and other stakeholders including Traditional Owners, local and state government representatives, business groups, wider community
- Ongoing engagement with landholders and other stakeholders via meetings, phone calls, project website, online feedback form and interactive online map.





This is what we've
heard so far

From our conversations with landholders, here are key items of interest

- Impacts on highly productive and profitable agricultural land
- Proximity to residential homes
- Visual impacts
- Loss of property values
- Electric and magnetic fields (EMF)
- Biosecurity risks
- Safety issues

There will be further opportunities for landholders, other stakeholders and the wider community to provide feedback to us as the project continues.

Social licence to operate research

- We recently conducted research across Queensland to examine community sentiment towards renewable energy development and Powerlink.
- Respondents representing Central Queensland were located in four local government areas – Banana Shire Council, Isaac Regional Council, Gladstone Regional Council and Central Highlands Regional Council.
- Top three drivers of trust in Central Queensland included:



Confidence-in governance – Community has confidence in both external and internal governance mechanisms to ensure Powerlink does the right thing.



Procedural fairness – Extent to which the community feels included in the decision-making process. They feel heard, respected and their concerns are responded to. This can also be driven by the quality of the engagement being undertaken.



Distributional fairness – Community feel they receive a fair share of the benefits of the development or project.

Transmission infrastructure engagement timeline for 2022/23



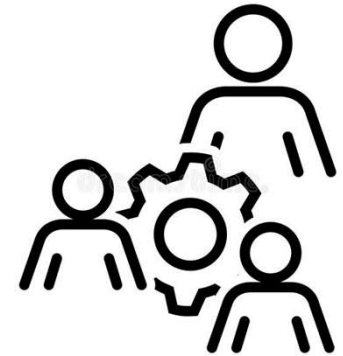
Engagement with landholders, other stakeholders and the wider community continues into 2023

** Please note the exact location of a new transmission line within a corridor will not be yet determined**

Local opportunities and benefits

We are keen to maximise opportunities for local suppliers of support services wherever possible. Potential local contractor opportunities include:

- accommodation providers
- fuel suppliers
- vegetation and biosecurity management
- access works
- water supply
- waste management and recycling
- concrete and gravel supplies
- machine and equipment hire
- security services
- cranes
- cleaning services
- IT expertise
- office supplies and printing
- restaurants/eateries
- car hire.



Powerlink will also seek local community benefit opportunities – invest in the region.

Cultural Heritage and Native Title

- We will undertake respectful and cooperative engagement with Aboriginal Parties potentially affected by this project. In doing so, we strive to provide effective recognition, protection and conservation of Aboriginal and Torres Strait Islander Cultural Heritage
- We commit to meeting our duty of care under the *Aboriginal Cultural Heritage Act 2003* by carrying out project activities in accordance with a Cultural Heritage Management Agreement to be negotiated with the Gangulu Nation People
- We will also further engage with the Gangulu Nation People to understand their Native Title interests as well as provide notices under the *Native Title Act 1993* to address Native Title matters over the impacted land.



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