

# Construction works in your area

## Ross River Solar Farm Connection Project

September 2017

Dear resident,

We are providing you with information about upcoming works Powerlink will be undertaking on the electricity transmission network in your local area.

Powerlink has been engaged by Ross River Operations Pty Ltd to connect its Ross River Solar Farm to the electricity transmission network. The new 125MW solar farm is located 1.2 kilometres south of Powerlink’s existing Ross Substation. This connection will enable energy generated at the solar farm to be transported into the shared electricity network. Please refer to the map overleaf for more information on the project’s location.

**Preliminary construction activities associated with connecting the solar farm to the transmission network will commence in your local area in early September 2017 and are expected to be completed in November 2017 (weather permitting). The connection infrastructure project is scheduled to be commissioned by March 2018. These activities will not result in any planned electricity outages.**

### Overview of works

The project involves building a new bay at the Ross Substation, connecting a new transformer in the solar farm yard and installing 1.2 kilometres of 132kV underground transmission line cable to link the two sites. Underground cable is being used due to access constraints from the existing overhead transmission line and associated technical complexities. This is the safest and most cost-effective solution for the project.

### Project timings

The following table provides an overview of key project milestones:

Construction activity	Expected timings (weather permitting)
Preliminary vegetation management and site preparation	Early September 2017
Building a new bay at the Ross River Substation	Mid September – mid November 2017
Excavating trenches and installing the underground cable	Mid to late September – late October 2017
Delivering the new transformer at the solar farm	Mid October – mid November 2017
Completing final commissioning works to connect the solar farm to the transmission network	March 2018

### Land access and minimising impacts

Construction activities will be completed within the existing Powerlink easement and access tracks, and within the Ross River Substation. All works will be undertaken in accordance with Powerlink’s Land Access Protocol (LAP), which details the standards and commitments Powerlink will adhere to when accessing properties to complete project activities.

A variety of vehicles, machinery and equipment will be used to perform these activities, including 4WDs, trucks, excavators, elevated work platforms, cranes and winches. Some noise and dust may result from the works, however at all times we aim to conduct our activities with as little disruption as possible to you, your property and the wider community.

To minimise any inconvenience, our crew's normal working hours will be restricted to between 6.30am to 6.30pm, Monday to Saturday. We will continue to provide information to local residents to keep you informed of our activities as the project progresses. **We thank you for your patience while this important project is delivered.**

### Further information

If you would like more information about this project, please contact:

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Alternatively, visit our website at [www.powerlink.com.au](http://www.powerlink.com.au) (go to 'Projects' > 'Northern').

### 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 Powerlink: [www.powerlink.com.au](http://www.powerlink.com.au) (go to 'About Powerlink').

