

## Greenbank Large Scale Battery Connection Project Rescheduled installation of large equipment at Greenbank Substation

December 2023

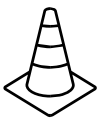
Dear resident,

We are providing you with an update on the installation of a high voltage transformer at Powerlink's Greenbank Substation as part of connection works for the Greenbank Large Scale Battery Connection Project.

**The delivery of the transformer is now complete, however due to unexpected delays in the arrival of other essential equipment supporting installation of the transformer, we need to reschedule further works as explained below.**

**We apologise for any inconvenience this may cause and appreciate your continued patience while these important works are undertaken.**

The transformer is an essential piece of network equipment which converts high voltage electricity from Powerlink's transmission network down to lower voltages, suitable for the battery energy storage system.



### Essential out-of-hours work

- **In order to complete installation of the transformer, other associated works need to be undertaken.**
- **The equipment to complete this work has been delayed arriving to site, however when it does arrive, some out-of-hours work will be necessary to complete the installation.**
- Our regular hours of work are from 6.30am to 6.30pm, Monday to Saturday. However, to safely and efficiently install the transformer, works must be undertaken outside of these standard hours.
- A vital part of these works includes the use of a vacuum pump to remove all air from the transformer before it is filled with transformer insulant which is required for operation.
- These works must continue uninterrupted. A generator will be used to run the vacuum pump continuously for up to three consecutive weekdays.  
**These works were planned to take place from mid-November 2023 however they are now expected to occur in early 2024\*.**
- Following filling of the transformer, occasional Sunday works will be essential to complete assembly and installation of the transformer. **These works were planned to finish in December 2023 however they are now expected to be finalised in March 2024\*.**



## Environmental management

- This essential work will be carried out in accordance with an Environmental Management Plan to ensure that any potential impacts on surrounding properties are minimised.
- In line with Powerlink's standard approach to construction activities, care will be taken to minimise any disturbance resulting from the out-of-hours work. Specific control measures to minimise noise, light and dust will be in place throughout the duration of the works.



## Greenbank Battery

- These works are being completed to support the large-scale battery installation at the Greenbank Substation.
- The Greenbank Battery is being installed by CS Energy in partnership with Powerlink.
- Installation of the battery will commence in late 2024 and is expected to be fully operational by mid-2025.
- The Greenbank Battery will have a discharge capacity of 200 megawatts and store 400 megawatt hours of energy (200MW/400MWh). This means during the evening energy demand peak the battery can discharge 200MW, powering 66,000 homes for two hours before needing to recharge.

## Further information

If you would like any further information, please visit

[www.powerlink.com.au/projects/greenbank-large-scale-battery-connection-project](http://www.powerlink.com.au/projects/greenbank-large-scale-battery-connection-project) Email [projects@powerlink.com.au](mailto:projects@powerlink.com.au)

Or contact:

Tim Loth  
Landholder Relations Advisor  
0448 592 306

***\*These dates may change due to weather and other unforeseen circumstances.***

### **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, visit [www.powerlink.com.au](http://www.powerlink.com.au).



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