

Greenbank Large Scale Battery Connection Project Transportation and installation of large equipment at Greenbank Substation

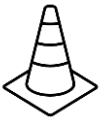
October 2023

Dear resident

We are providing you with information on the delivery and 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 transformer is an essential piece of network equipment which converts high voltage electricity from Powerlink's transmission network down to lower voltages, suitable for Energex's distribution network, which in turn delivers electricity to homes and businesses.

Transformer delivery



- The delivery of the transformer is expected to take place in early November 2023. The expected hours for the transformer delivery are likely to be after midnight and before 6am.
- To minimise interruptions to traffic, it is standard practice for the transportation of equipment this size to be completed out of regular hours and with the support of a police escort.
- A special truck and multi-axle trailer will be used to deliver the transformer, weighing 250 tonnes, to the Powerlink Substation at Greenbank.
- The transformer will be delivered to the Greenbank Substation via Teviot Road and Pub Lane.
- Some temporary traffic diversions may be needed during the delivery and traffic controllers will be present to minimise any inconvenience to motorists.

Essential out-of-hours work



- 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 vacuum pump will be used 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 small generator will be used to run the vacuum pump continuously for two consecutive weekdays in mid-November 2023.
- Following filling of the transformer, occasional Sunday works will be essential until late December 2023 to complete assembly and installation of the transformer.

Environmental management



- This essential work will be carried out in accordance with an Environmental Management Plan to ensure that any potential impact on surrounding properties is 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 28,000 homes for two hours before needing to recharge.

We thank the local community in advance for your patience and cooperation while these works are being undertaken.

Further information

If you would like any further information, please visit

www.powerlink.com.au/projects/greenbank-large-scale-battery-connection-project or contact:

Tim Loth
Landholder Relations Advisor
0448 592 306

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.



For further information:
FREECALL 1800 635 369 | www.powerlink.com.au



SAFEFORLIFE
Everyone. Everywhere. Everyday.