

Works at Greenbank Substation

Preliminary works in preparation for a battery installation

March 2023

Dear resident

We are writing to inform you about preliminary works taking place at Powerlink's Greenbank Substation, which is located near your property.

These works are minor in nature and will have minimal noise or traffic impacts on the surrounding area.



Preliminary works:

- Works will include vegetation clearing and construction of a concrete pad to house a 275kV switching bay and large transformer.
- Works will start mid-March and occur Monday to Friday between 6.30am and 6.30pm.

Future works:

- Delivery of a new transformer is expected in September/October outside standard hours of work (weather permitting).
- A convoy of vehicles will be used to deliver the transformer, weighing 250 tonnes, to the substation.
- A comprehensive traffic management plan will be in place to minimise interruptions.
- We will provide further details on this transportation closer to the time.

Greenbank Battery development



- These works are being undertaken in preparation for the potential development of a large-scale battery at the Greenbank Substation.
- The Greenbank Battery, being developed by CS Energy in partnership with Powerlink, is subject to planning approval by the Queensland Government.
- If approval is granted, the installation of the battery would commence in mid-2023 and it would be operational at the end of 2024.
- 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.





Why Greenbank Substation?

- Powerlink has been actively investigating the application and benefits of large-scale, grid-connected batteries installed on Powerlink's transmission network.
- The Greenbank Substation is a key element of the electricity network and a battery at the site will perform an important stabilisation function to ensure a reliable supply of high-voltage electricity is maintained in South-East Queensland.
- In addition to powering homes and businesses, the battery will also provide Powerlink with network support services to uphold system strength and security when required to avoid brown outs and black outs.



Come meet us

- We invite you to attend a community information drop-in session at the Greenbank Community Centre, Currong Room, 145 Teviot Rd, Greenbank, on Wednesday 22 March 2023 from 4-7pm. Here you can meet the project team and ask questions about the preliminary works and the battery project.

We thank the local community in advance for your patience and cooperation while these works are being undertaken. We will continue to keep you informed of our activities.

Further information

If you would like any further information, please visit

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

Bernie Jefferies
Landholder Relations Advisor
0439 967 607

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 or scan the QR code.



For further information:
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