

Community Update

March 2024

Ergon Energy Network is continuing works to upgrade of the Mossman Substation, and associated powerlines works, to improve the electricity supply to the Douglas Shire Council area.

What is currently happening?

The ground works for the Mossman Substation and Yalkula Substation have been progressed to allow the new modular control building to be put in place. It is being transported to the Mossman Substation site with Police escort via the Rex Range and craned into location in mid March. This milestone will see large vehicles and significant activity around the site.

We appreciate your patience while this is underway, and as we continue onsite through into 2025.



In preparation for the substation upgrade, works are also under way to establish a new underground communications network between key infrastructure, and to refurbish associated local 22kV powerlines.

Works were halted on the installation of the overhead fibre optic communications line on the 132kV powerline that runs down the Rex Range with the early arrival of the wet season. This will recommence later in the year when ground conditions improve.

Background to the project

The Mossman Substation, located at the base of the Rex Range (near Shannonnvale/Cassowary), is being rebuilt and upgraded from a 66/22kV substation to a 132/22kV substation. This investment will address both power reliability and safety risks associated with the age of the substation and support the growing the demand for electricity in the area.

The substation supplies Mossman and surrounding communities through the local 22kV electricity network. It is currently supplied from Turkinje Zone Substation, near Mareeba, via two 66kV feeder lines that travel to Mount Molloy and then down the Rex Range. However, in the future, it will be supplied by a new connection from the 132kV powerline.

As part of upgrade, powerline works are required to reinforce power supplies to the region.

The project also includes works at the Yalkula Substation, near Mount Molloy (to support the 132kV supply), and at the Craiglie Substation (to provide a backup supply option to Mossman). With the new arrangements, some sections of the 66kV lines will also be removed, between Mount Molloy and Mossman where the line crosses the Rex Range and Wet Tropics Area.

How to get in touch with us

If you'd like more information, please contact our community engagement team on 1300 855 054 or email NetworkProjectEngagement@energyq.com.au

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