

Community Update

September 2023

Ergon Energy Network is investing in the electricity supply to the Douglas Shire Council area with a major upgrade of the Mossman Substation, and associated powerlines works.

About the works

The Mossman Substation, located at the base of the Rex Range (near Shannonvale/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 demand for electricity in the area.

The substation supplies the Mossman township 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, works are required on these lines to reinforce power supplies to the region. There will also be 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.

What is currently happening

In preparation for the substation upgrade, we are currently working within the existing easement of the 132kV powerline to install an overhead fibre optic communications line. This will require access to the poles, and in some instances, works around this vital infrastructure. It will also require helicopter line work, as well as a number of localised power interruptions to do the work safely.

Works are also getting under way to refurbish sections of the local 22kV powerline network, as part of the substation upgrade, as well as the associated underground communications networks.

The upgrade of the Mossman Substation will commence later in the year and continue with other works through 2024.

How to get in touch with us

Thank you for your patience as this work gets underway. Our crews and contractors are currently accessing properties along the 132kV powerline to do these works.

If you have any queries or would like more information, please contact our community engagement team on 1300 855 054 or email community@energyq.com.au

If you would like to continue to get updates as other sections of this project gets underway, please scan to register your interest here:

