

Community Update

January 2025

Ergon Energy Network is investing in the electricity supply to the Atherton Tablelands with a major \$14.2 million rebuild of the Turkinje Substation, and associated powerlines works. This work also supports the upgrades already underway to the power supply to the Douglas Shire.

About the works

The Turkinje Substation, located on the Kennedy Highway just south of Mareeba, is being rebuilt in front of the existing 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 across the region.

The existing switching yard was established in the 1960s. It connects into Powerlink's bulk supply substation, located along side Ergon's substation, and through that to the state's 66kV electricity transmission network.



Kennedy Highway and Ellery Road, Mareeba

In parallel with Ergon Energy's works, Powerlink Queensland is also undertaking upgrade works at their substation.

The 132/66kV substation is critical to the future security of supply for around 24,000 customers. From the Turkinje substation, the distribution powerlines energise Ergon's substations in Mareeba, Atherton, Dimbulah, Ravenshoe and Mount Garnet, as well as the Mount Molloy Substation and, currently, the Mossman Substation.

What is currently happening

In preparation for the substation upgrade, we have already been on site undertaking minor works.

We will now move to the necessary associated vegetation clearing and the preliminary powerline works through early 2025. All of the powerlines leading from the site need to be moved.

The extensive civil works required for the new substation are currently expected to commence in March 2025. This will allow for the construction of the new substation to commence in 2026 for commissioning by late 2027.

Every effort will be made to minimise the impact of these works, and of any necessary power outages as these works progress.

All planned outages will be communicated in advance to those to be impacted.

How to get in touch with us

If you have any queries, please contact our community engagement team via email NetworkProjectEngagement@energyq.com.au

