

Cranbrook Substation Upgrade Project Update



August 2025

Upgrading Cranbrook substation for a stronger, more reliable energy future.

Cranbrook substation upgrade

Since its establishment in 1972, the Cranbrook substation has served the community well.

Now, **53 years later**, standards, technology, and network capabilities have advanced.

While the substation has remained resilient, its infrastructure and equipment are reaching the end of their efficient operational lifespan.

To ensure the safe, efficient, and reliable delivery of power and to meet the growing electricity demand, we are investing in upgrades.

Cranbrook substation supplies power to approximately **4,800 customers**, but this number continues to increase as Townsville grows.

What is happening?

As part of this project, we will expand Cranbrook substation onto the adjacent Ergon-owned land, with a new, modern building designed to provide long-term reliability and meet future growth.

We will upgrade both the 11Kilovolt(kV) and 66Kilovolt(kV) network, including feeder lines, and an 11kV switchboard inside the existing substation.



Image: The yellow boxed area is the expansion area.

What will the new substation look like?

Below are design concepts illustrating what the new, modern Cranbrook substation is expected to look like, reflecting a significant upgrade for the local electricity network and community.



Images: The upgraded Cranbrook substation design concept.

This upgrade reflects our commitment to powering the community with stable, efficient and sustainable energy for decades to come.



Preparation works set to begin

To prepare for the upcoming substation upgrade, a variety of preliminary works will be carried out over the coming months. Local residents and businesses may notice increased activity around the site, including early-stage civil works within the substation grounds.

How long will the project take to complete?

The full substation upgrade is scheduled to be completed by December 2026. During construction project updates will be provided throughout the various stages.

Project contact details

Want to know more?

You can **register for future updates via email, or by scanning the QR code.**

You can also contact our Senior Community Engagement Advisor, Corinne Young on 1300 464 614.

or email us at:

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