

Completion Report

Homelands Housing and Infrastructure Program



NTWP00020 Orrtipa-Thurra 26
NT Wide – Bonya – Electrical Upgrades

Entire Homeland



Contents

Project Summary	3
Scope of Works Overview	4
Visual Progress.....	6
Approved Variations.....	13
Attachments	13
Final Review and Acceptance.....	14

Service Provider	Yapa-Kurlangu Ngurrara AC	ABN	42 771 948 223
Contact Details	Robert Cowan	Contractor Accreditation Limited (CAL) Registration Number:	A-10-18153-08-26
Project Name	NT Wide – Bonya – Electrical Upgrades	Contract No.	NTWP00020
Homeland	Orrtipa-Thurra	Community ID	26
Project Type	Choose an item.	House #	ALL
Commencement Date	03/02/2025	Completion Date	27/11/2025

Project Summary

Include a brief summary of the deliverables on the project. Also include a photo of handover back to residents on completion of the project, if applicable.

To complete the upgrade of the existing Bonya Community electrical distribution network from a single-phase supply system to a fully operational three-phase distribution network. The objective of the project was to improve the overall electrical reliability, increase available network capacity, enhance operational safety, and provide infrastructure capable of supporting future community growth and development requirements.

All project works, mobilisation, accommodation, logistics, and daily operational activities were coordinated from Bonya throughout the duration of the project.

The project was successfully completed over a 12 day period with a total workforce of 8 qualified personnel.

Scope of Works Overview

Homeland:	Orrtipa-Thurra 26
House/Asset No:	ALL
Scoping Date:	03/02/2025
SCOPE OF WORKS COMPLETED	
MG Electrical completed all required works associated with the electrical network upgrade, including but not limited to the following;	
NETWORK UPGRADE WORKS	
• Installation and commissioning of new three-phase electrical distribution systems throughout the community • Upgrading and replacement of existing network infrastructure components where required. • Installation of associated network hardware, cabling, protection systems, and electrical accessories. • Integration and commissioning of upgraded distribution infrastructure into the existing network system.	
ELECTRICAL INFRASTRUCTURE WORKS	
• Installation and termination of electrical distribution cabling. • Installation and commissioning of switchgear and associated protection systems. • Verification of network load balancing and operational functionality. • Inspection and verification of all installed infrastructure and equipment.	
TESTING AND COMMISSIONING	
• Full commissioning of the upgraded electrical network. • Verification testing of all newly installed systems and infrastructure. • Functional testing of protection systems and operational controls. All works were completed in accordance with approved project requirements and applicable industry standards.	
ELECTRICAL TESTING	
The following testing and verification activities were completed; • Verification of earthing systems. • Bonding continuity testing. • Final subcircuit testing and verification. • Insulation resistance testing. • Polarity verification. • Protection system testing and operational verification.	

- Network integrity and functionality testing.
- Operational load testing and commissioning checks.

All works completed by MG Electrical were undertaken in accordance with the following standards, regulations, and requirements:

- AS/NZS 3000 – Electrical Installation (Wiring Rules).
- Applicable Northern Territory electrical legislations and regulations.
- Industry best-practice installation and commissioning standards.
- Relevant workplace health and safety requirements.

All inspections, testing procedures, and compliance verification activities were completed successfully.

PROJECT

Resource Item – Details

Total Workforce – 8 Personnel

Project Duration – 12 Days

Accommodation Base – Bonya

Project Status – Complete

Network Status - Complete

COMMISSIONING

The upgraded three-phase distribution network has been:

- Fully installed.
- Tested and verified.
- Successfully commissioned.
- Energised and operational.
- Confirmed compliant with PWC and AS/NZS 3000 requirements.

MG Electrical confirms that all works associated with the Bonya Community Electrical Network Upgrade Project have been completed successfully and in accordance with all applicable project requirements, standards, and regulations.

The upgraded three-phase electrical distribution network has been fully tested, commissioned, inspected, and verified as compliant with all relevant Power and Water Corporation specifications and AS/NZS 3000 requirements.

All operational testing, compliance inspections, and safety verification procedures have been completed successfully.

The electrical network is now fully operational and ready for ongoing community use.

Visual Progress

Include before and after images of all areas that received upgrades. Delete/add areas as needed.

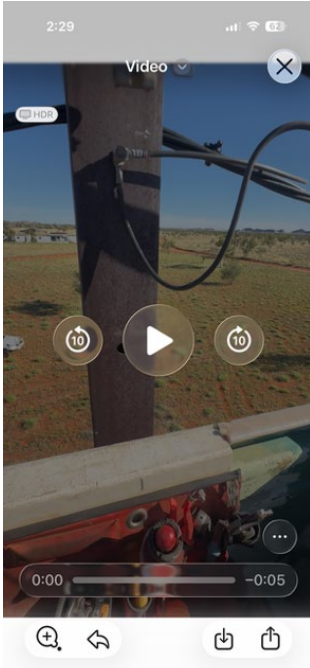
BEFORE	AFTER
Sun Damaged ABC Conductors	
	
PHOTO 1	
	

PHOTO 2

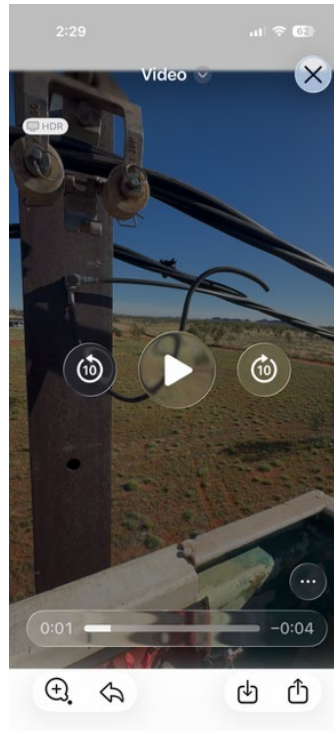


PHOTO 3



PHOTO 4

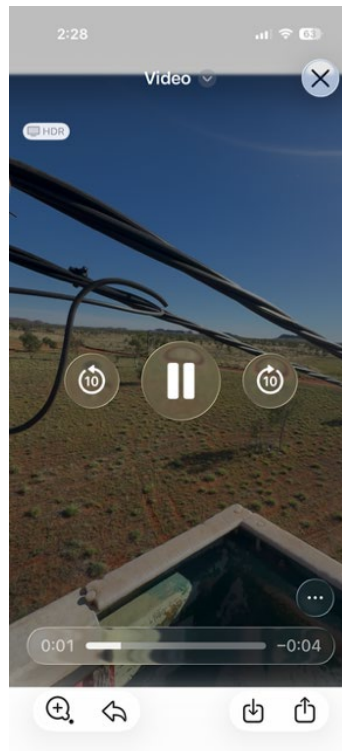


PHOTO 5



PHOTO 6



PHOTO 7



PHOTO 8



PHOTO 9



PHOTO 10



PHOTO 11



PHOTO 12



Approved Variations

Insert all variations requests that were approved during the lifetime of the project (screenshots/photos).

Attachments

- Electrical Certificate of Compliance - YES
- Water Proofing Certification - na
- Glazing Certification - na
- Builders Declaration - na
- Section 40 Plumbing cert - na
- Serial Number, Warranty and Stove Booklet - na
- Approved Scope of Works Document
- Talent Release Forms - na

Final Review and Acceptance

Company Representative:		Department Representative:	
Name	Robert Cowan	Name	
Title	CEO	Title	
Signature	<i>Robert Cowan</i>	Signature	
Date	12/06/2026	Date	
Comments:		Comments:	