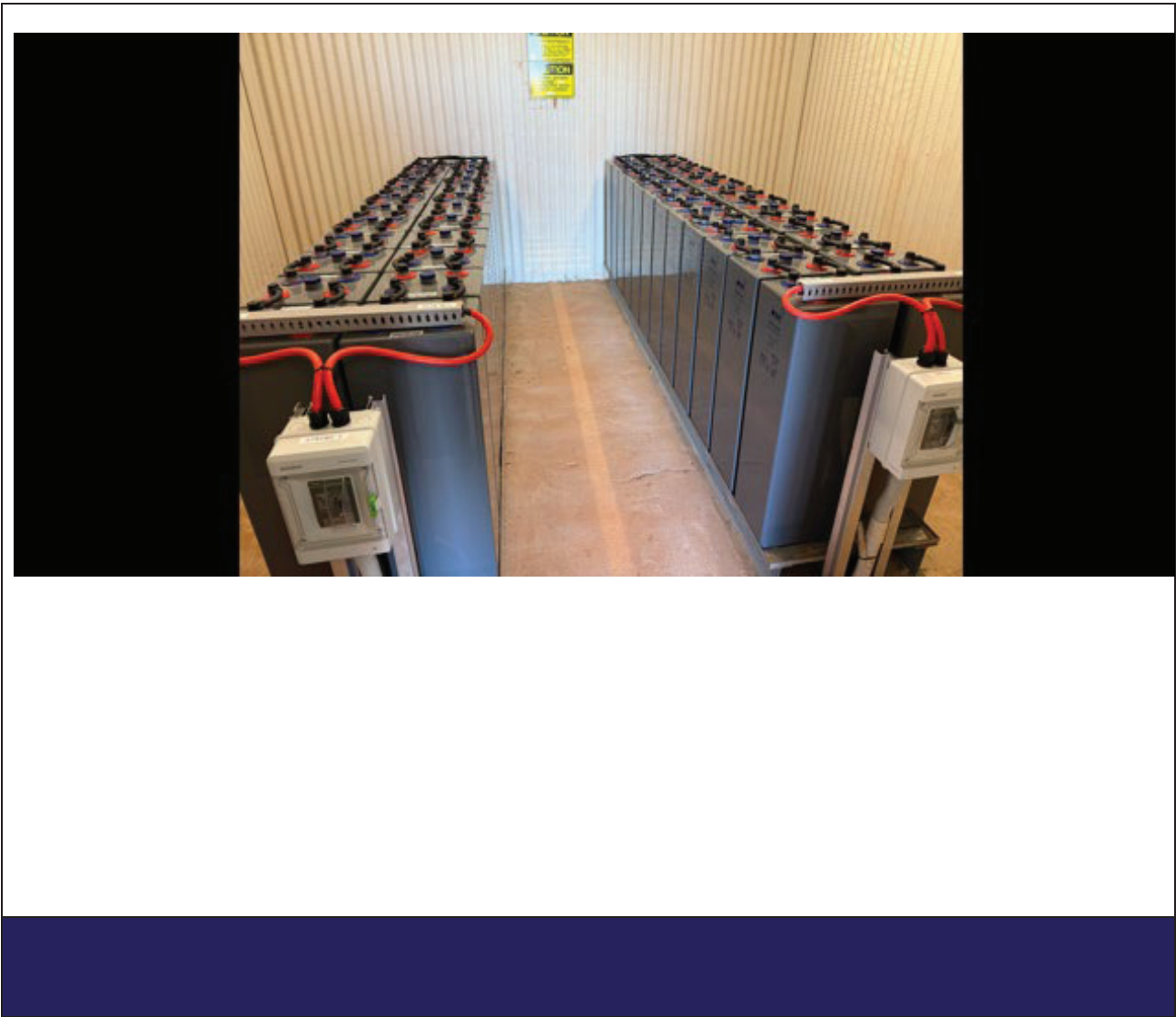


Completion Report



**NTWP00011 Urlampe
NT Wide Urlampe Solar Upgrade**

House No 1,2,3



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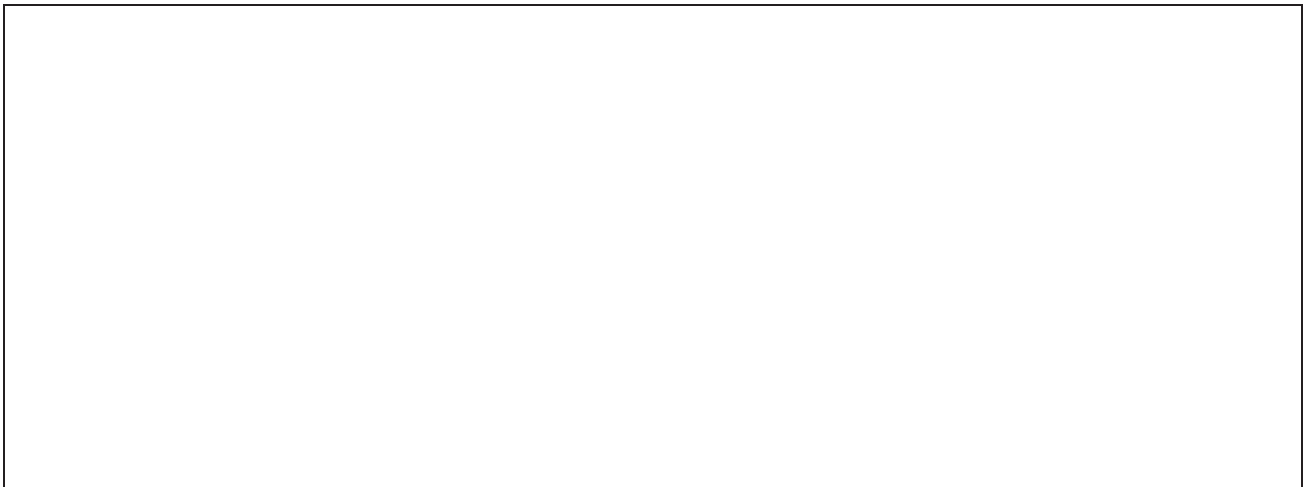
Service Provider	Yapa-Kurlangu Ngurrara Aboriginal Corporation	ABN	42 771 948 223
Contact Details	Robert Cowan	Contractor Accreditation Limited (CAL) Registration Number:	A-9-18153-08-25
Project Name	HHIP – NT Wide Initiatives Program	Contract No.	NTWP00011
Homeland	Urlampe	Community ID	156
Project Type	Solar farm	House #	1,2,3
Commencement Date	06/07/2025	Completion Date	06/08/2025

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.

1. Remove all existing equipment, clean enclosures.
2. Replace existing GNB/Sonnenschein battery - 48 x 1035ah/C10 (2 strings - total **29.8kwh** usable @ 30% dod C10), with a new BAE Gel battery - 48 x 1440ah/C10 (2 strings - total **41.4kwh** usable @ 30% dod C10).
3. Utilise the existing battery racks. Install a new main DC circuit breaker and 2 new battery string isolator fuse switches or DC circuit breakers.
4. Remove existing SPPro inverter from Bushlight box, clean out and relocate to the shed wall to reduce operating temperature, install upgraded comms PCB and firmware.
5. Remove the existing bushlight box, mount any necessary equipment to the shed wall. This would include any RF link to Bushlight boxes on houses, controlled from SPPro SOC output.




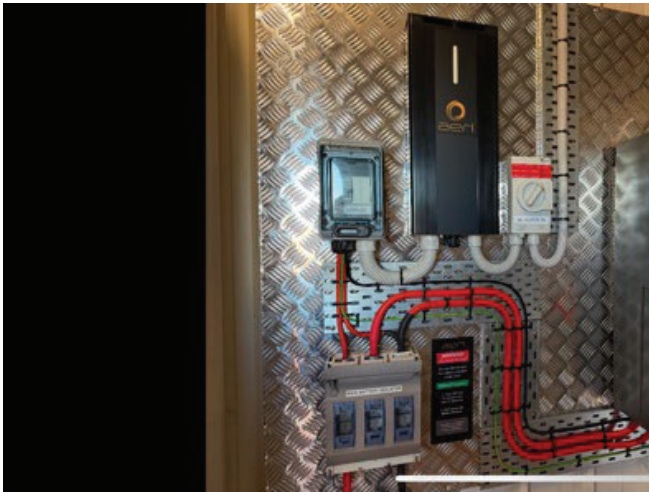
6. Install a new 24 pole commercial panelboard main switchboard to shed wall, Install surge diverters and total output and genset din mount kwh meters to AC side of system.
7. Installation of 1 new 80A Victron MPPT c/w lcd display and temperature compensation probe to battery. Return 3 x 80A PWM solar controllers to YKNAK.
8. Installation of a new **3.8kwp** DC coupled array on power station roof.
9. Removal of existing 54 x 165w BP solar modules (**8.9kwp**), from existing ground frames and replace with 32 x 475w modules (**15.2kwp**). Utilise existing underground conduits for the installation of new solar cabling.
10. Install 2 x 8kw gen 24 Grid tie inverters controlled via SPPro
11. Replace existing array marshalling box with new PV isolators.
12. Fit new PV switchboard or extra isolators in enclosure at Grid tie inverters.
13. Install an auto control RF link or UG cable to the genset, control from SPPro
14. Install a Selectronic SP link monitoring device, connect via an existing wifi service if community wifi is currently available or if there is a privately owned skymuster/starlink system that may be available. Considering the remoteness of the site YKNAK may wish to provide an alternative permanent or temporary satellite, or other comms link if there is no wifi on site. Wifi extension dishes will be included in this price.
15. Removal of all old equipment and deliver to local rubbish tip.
16. whipper snip under arrays.
17. Reprogram system components, test system operation
18. Install signage and operational instructions as required.
19. Instruct local residents in system operation and basic fault finding
20. Mobilisation/demobilisation
21. Travel and transport 1 return trip for truck and 2 vehicles
22. Site and workshop labour
23. New equipment freight into Alice Springs.
24. Remote bush costs.



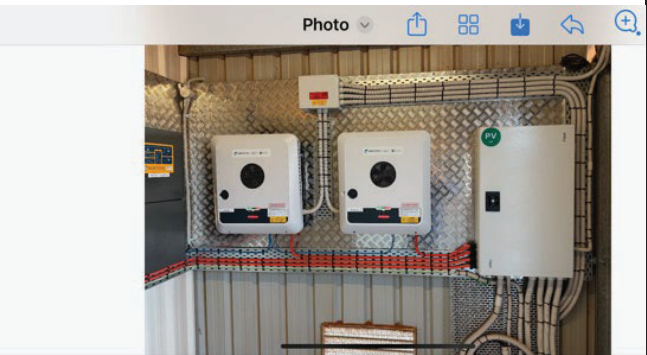


Visual Progress

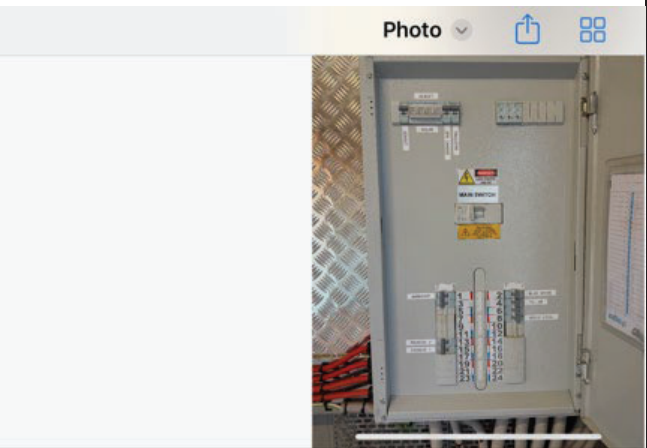
Include before and after images of all areas that received upgrades. Delete/add areas as needed.

BEFORE	AFTER
New Solar Batteries x 48	
	
Solar Control Panel Upgrade	
	

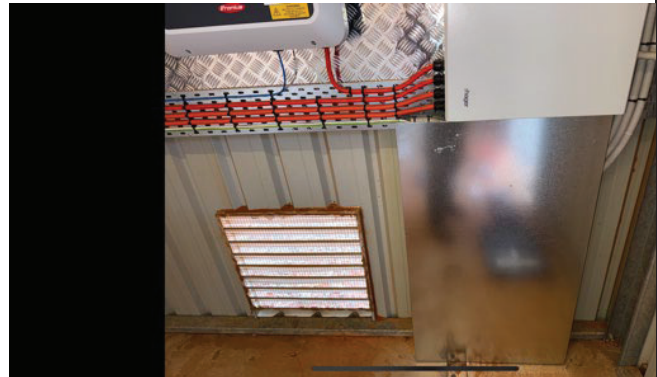
Solar Control Panel Upgrade



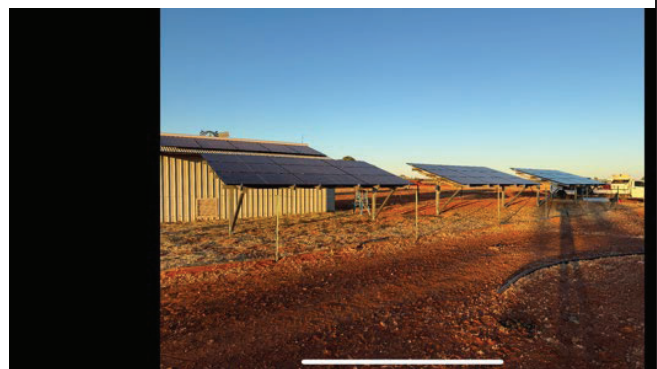
Solar Control Panel Upgrade



Solar Wiring Upgrade



Solar Panel Upgrade



Solar Panel Upgrade




Approved Variations

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

Attachments

- Electrical Certificate of Compliance
- Water Proofing Certification
- Glazing Certification
- Serial Number, Warranty and Stove Booklet
- Approved Scope of Works Document
- Talent Release Forms

Final Review and Acceptance

Company Representative:		Department Representative:	
Name	Robert Cowan	Name	
Title	CEO	Title	
Signature	<i>Robert Cowan</i>	Signature	
Date	26/09/2025	Date	
		Comments:	