

# Completion Report

## Homelands Housing and Infrastructure Program



*\*TIWI00015 HHIP\_ Conder Point, Putajamirra and Taracumbi\**  
*Taracumbi Homeland – Hybrid Solar System*

## Contents

Project Summary .....	2
Scope of Works Overview .....	4
Scope of Works Overview as agreed with the department.....	4
Scope of Works Overview .....	<b>Error! Bookmark not defined.</b>
Visual Progress.....	4
Attachments .....	12
Final Review and Acceptance .....	15

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<b>Project Name</b>	Taracumbi – Hybrid Solar System Installation	<b>Contract No.</b>	TIWI00015
<b>Homeland</b>	Taracumbi	<b>Community ID</b>	424
<b>Project Type</b>	<b>Infrastructure works</b>	<b>House #</b>	NA
<b>Commencement Date</b>	<b>10.10.2025</b>	<b>Completion Date</b>	<b>23-12-2025</b>

## 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.*

The Taracumbi power upgrade project was successfully completed for Tiwi Islands Regional Council, delivering a fully operational and reliable energy solution to support House 1 and the associated undercover area. The project involved the safe removal and disposal of existing solar infrastructure and batteries, replacement of ceiling fans and earthing components, installation of new underground electrical cabling, and the supply and commissioning of upgraded power systems.

A new standalone solar power system was installed, comprising a 12kW ground-mounted solar array, a 10kW inverter, and 29kWh battery storage, providing whole-of-home backup power and improved energy reliability. In addition, a new generator was supplied and installed within the existing lean-to shed to support backup power requirements. All works, including electrical, trenching, installation, testing, and commissioning, were completed in accordance with relevant standards, with the system now fully operational and handed over for use

## Scope of Works Overview

<b>Homeland:</b>	Taracumbi
<b>House/Asset No:</b>	N/A
<b>Scoping Date:</b>	18.08.25

### Solar Farm

#### Scope of Works Overview as agreed with the department

1. Remove existing solar panels, inverter, and batteries at House 1 and make the system safe.
2. Remove and dispose of existing batteries at House 2.
3. Replace ten (10) ceiling fans and install a new earth stake (fixed wiring excluded).
4. Supply and install new underground electrical cabling to House 1.
5. Supply and install underground electrical cabling to the undercover area.
6. Supply, install, test, and commission a complete solar power system to provide power to House 1 and the undercover area, including:
  - a. Bush Chook whole-home backup power solution.
  - b. 10kW DEYE inverter and 29kWh battery storage system.
  - c. 12kW solar array comprising 28 x 440W JA Solar modules installed on a ground-mounted racking system.
7. Supply and install a new generator within the existing lean-to shed.
8. Complete all associated electrical works, earthworks, trenching, installation, commissioning, and compliance requirements.
9. Provide system commissioning, certification, and handover upon completion.

## Visual Progress

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

BEFORE	AFTER
Taracumbi – Hybrid Solar System	











