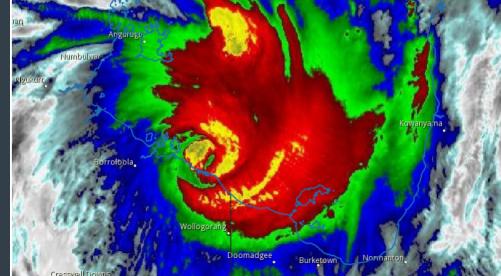


Borroloola

Key stats

- 653 kWp
- Northern Territory (Cyclone Region)
- State Utility

Partnering with



Why MAVERICK ?



Durability

The remote Northern Territory is cyclone prone - MAVERICK can be upgraded to withstand Wind Region C conditions.



Pre-packed, modular design

Remote locations are difficult and costly to build on - MAVERICK's prefabricated system drastically reduces the work required onsite.



Speed of deployment

A harsh climate mandates rapid deployment - MAVERICK is 50-90% faster than traditional deployment.

Borroloola

Problem

Power and Water Corporation (PWC) manage infrastructure across 1.3 million square kilometers of the Northern Territory. Their role includes providing a continuous supply of water and electricity to 72 remote communities, such as Borroloola, a town near the Gulf of Carpentaria. This presents PWC with a unique set of problems:



A heavy reliance on diesel generators, an increasingly expensive source of energy.



Borroloola is an extremely remote location, situated 12 hours from Darwin.



Northern Australia is prone to extreme weather events, averaging 2 cyclones a year.

Solution

- A 653 kWp solar system was installed at Borroloola in July of 2018, integrated with existing diesel gen-sets
- Roughly 25% of the community's power is now produced using solar, significantly reducing running costs to PWC
- MAVERICK's prefabricated system streamlined and simplified deployment in the remote community, limiting labour time in the harsh conditions
- The ballasted system has withstood 2 cyclones to date - cyclone Trevor and cyclone Owen with wind gusts in the order of 39 m/s

