



SAVINGS CALCULATOR

Find out how much you could save every year in diesel and labour. Visit our website for more info!

POWERING THE FUTURE OF FARMING

OFF THE GRID 'SOLAR WATER PUMP STATION'

1300 142 777

offthegridsystemdesigns.com



CLEAN ENERGY COUNCIL
**ACCREDITED
DESIGNER**



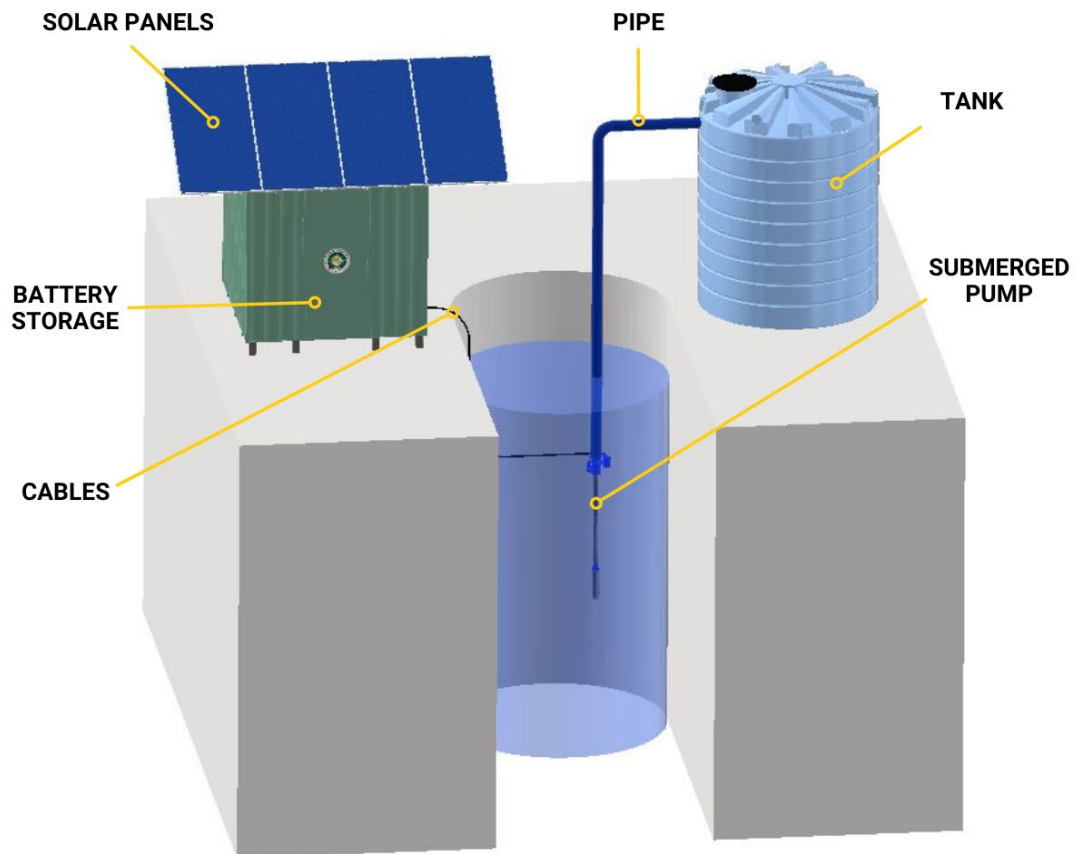
CLEAN ENERGY COUNCIL
**ACCREDITED
INSTALLER**

SOLAR WATER PUMP STATION



LOW MAINTENANCE THANKS TO HEIGHT

We recommend a minimum 2.5m height clearance of solar panels to allow for normal cattle movements and avoid the need for fencing.



HOW IT WORKS

- 01** Our solar pumping power station will **replace the diesel generator and alternator** at each water pump location.
- 02** Pre-built and commissioned in South East Queensland, delivered to site. Easy to install thanks to its **plug and play design**.
- 03** **Connect to existing water supply infrastructure** including your bore, dam or water tank.
- 04** **Includes optional features** such as 4G connectivity, GPOs, lighting and integrated video feed. This streamlines operations, minimises bore runs and gives peace of mind with remote system and camera access from anywhere.

SOLAR PUMP COMPONENTS



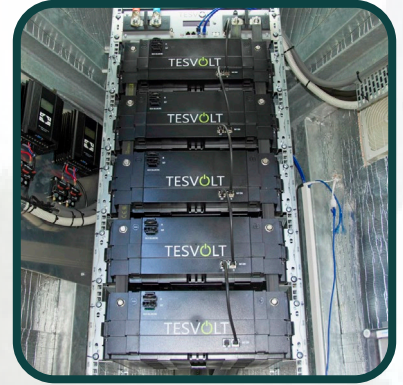
6.6KW SOLAR PANELS

16 solar panels with an impressive 25-year warranty. The adjustable tilt frame is made from steel. Camera access from anywhere in the world.



12.3KWH BATTERY STORAGE

Providing 3.5kw continuous output or up to 5kw for a maximum of 30 minutes. 5 year standard warranty with optional/additional 5 year warranty.



ROBUST HOUSE FRAME

The off grid box houses the in-built inverter and battery storage. Made from steel and built to last in Australia's harsh outback environment.

***Ask us about** optional extras including a **video feed** of power station and pump, **GPO's**, **Lighting** and **4G Connectivity**.

SYSTEM BENEFITS

➤ ELIMINATE DIESEL GENERATORS

Reduce your reliance on diesel by eliminating diesel generators and their fuel, labour & maintenance costs.

➤ RUN YOUR WATER PUMP 24/7

Thanks to battery storage, the Off The Grid Solar Pumping Power Station can be run day and night.

➤ ROBUST DESIGN + WARRANTY

We only use high quality parts and materials for a long service life. Wherever possible, Off The Grid uses reputable Queensland manufacturers. with warranties up to 25 years.

➤ FIT-FOR-PURPOSE

Custom designed for agricultural stations to improve your bottom line and streamline operations.

A PRACTICAL ECONOMIC SOLUTION

POWERING UP YOUR FUTURE



DEAN SULLIVAN DESIGNER & MANUFACTURER

With a background as a power generation mechanic and over 25 years of marine engineering experience, Dean has dedicated his career to finding alternatives to reduce our reliance on fossil fuels.

He understands people's frustrations with their current power infrastructure setups. Especially the lack of backup services in remote locations, particularly after having lived off the grid himself over the last 20 years.

CASE STUDY PROJECTION

	Diesel Generator Pump	Solar Water Pump Power Station
CAPITAL COSTS		
Number of Pump Stations	10	10
Purchase Cost	\$45,000 (lifetime of 3 years)	\$400,000 (lifetime of 10 years)
Less solar rebate	N/A	-\$25,000
Capital cost per annum	\$15,000/year	\$37,500/year
MAINTENANCE COSTS		
Diesel cost per year	\$100,430	N/A
Maintenance cost per year	\$65,273	\$3,528
Remote monitoring & tech features per year	N/A	\$4,560
Running costs per year	\$165,703/year	\$8,088/year
Annual cost	\$180,703/year	\$45,588/year

*By choosing the Off the Grid Solar Water Pump Power Station there is a **net saving of \$135,115 per year** for farm operations using 10 water pumps. Scan the QR code to find out more!

