



MOONACRES FARM

Southern Highlands, NSW

Solar, battery and peer to peer solution

Commissioned Q3 2022

THE CLIENT

Moonacres was born in 2006, when owner Phil Lavers, and his wife Lisa decided to bring their family back to Australia.

Moonacres produces certified organic vegetables for their own cafes and cooking school. They also supply top restaurants.

REQUIREMENTS

The Client engaged QuantumNRG to manage the farm's transition to renewable energy.

The key Client requirements were:

- Consolidate multiple farm metering points.
- Solution planning, design and integration.
- A development pathway.
- Minimise grid usage.
- Retire diesel generator.
- Sell excess solar to cafe.

SOLUTION

82 kW solar, 120kWh Redflow battery and VEN.

BUDGET

Total project budget, including project management: \$350k (ex GST).

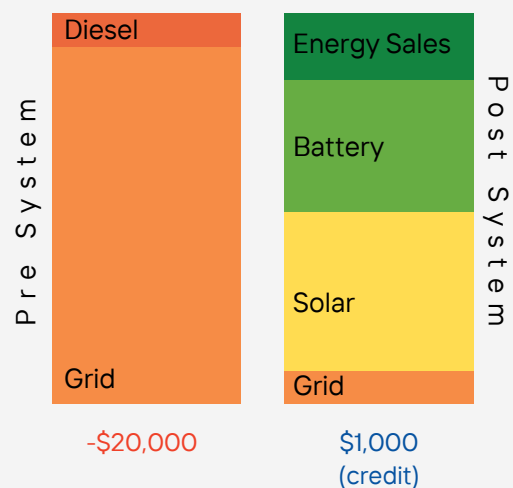
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RESULTS

- Single farm metering point.
- Solution integrated.
- Development consent achieved.
- 10% grid use.
- Full backup - no diesel generator.
- Reporting real time energy data.
- Selling excess solar to cafe.

Annualised performance



"QuantumNRG adds value by not only being your eyes and ears on the job but also lend you years of experience. Even in tricky and possibly tense situations they keep the project's objective in front and centre. This independent, mature approach keeps the job moving and gets the best from the various contactors."

Phil Lavers, Moonacres.