CASE STUDY

OFF-GRID ENERGY AUSTRALIA

Dedicated to standalone power systems and grid storage systems across Australia.



Hugh Driscoll and Sean LePoidevin inside a containerised mini-grid system

Off-Grid Energy Australia specialises in the design and installation of Stand Alone Power and Grid Battery Backup Solutions. Through over 20 years of specific renewable energy and off grid industry experience, they are able to offer a versatile range of products, capable of fulfilling a broad range of requirement from small holiday homes to large properties including farms and small businesses.

THE CHALLENGE

Off the Grid often means out of reach for communications. How do we develop a solution to bring active monitoring to site?

With Off-Grid Energy Australia looking to continue developing customer services and improving their business model, it became evident that there was a gap in their ability to remotely monitor and diagnose system that were installed into poor communication areas.

Rising Connection worked with the team both remotely and onsite to evaluate the challenges of the equipment and look at solutions available.



Installed system at remote site, services from Rising Connection and customised router operational for remote system monitoring

THE SOLUTION USED

Rising Connection applied best practice industry experience and knowledge to custom build a fully controllable and manageable communication system. This was built around the technologies based on Machine to Machine (M2M); it could be customised to match the variety of sites that are used and is powerful enough to future technology advancements.

THE RESULTS

Along with Off-Grid Energy Australia's technology partner SMA Solar Technology AG, Rising Connection was able to deliver on the quality, security and support required. This enabled the active remote area monitoring of components from solar availability, battery charging status, electricity usage and more.

THE CUSTOMER'S COMMENTS

"The team at Rising Connection went to amazing lengths to help understand the challenges and find a solution for us to use, we look forward to an ongoing relationship as we grow"
Hugh & Sean (Company Directors).

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