

Using microgrids in island and remote communities comes with challenges due to the unique characteristics and energy needs of each location, however, these challenges are being ...

It's early days for New Zealand yet, but there are a number of microgrids in both residential and rural areas dotted throughout the country. Brendan is aware of one microgrid that has 40 ...

Renewable energy micro-grids operate independently of traditional grid networks and provide an attractive solution for rural customers and communities in New Zealand. Over recent years, our ...

A new study conducted by researchers from the University of Canterbury (UC) is investigating the potential benefits of microgrid technology for remote communities and marae.

Our solutions are built around New Zealand's renewable strengths, incorporating solar, wind, hydro, and battery technologies supported by robust control platforms.

This article outlines the evidence-based benefits, challenges, and high-potential use cases of community microgrids in Aotearoa New Zealand, drawing on both domestic and international research.

A residential development in Florida provides a model for the future of grid modernization, showcasing reliability and resiliency.

Recent research at Te Herenga Waka--Victoria University of Wellington looked at the technical feasibility and economic viability of independent micro-grids for three communities residing ...

This and other energy trading projects in New Zealand can demonstrate to local energy and microgrid proponents in the U.S. the possibility of generating and trading energy locally, cutting costs, ...

Microgrids can now be used in remote areas with limited or no energy access. Various organisations, including municipal governments, airports, military bases, nature preserves, and vertical farms, can ...

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