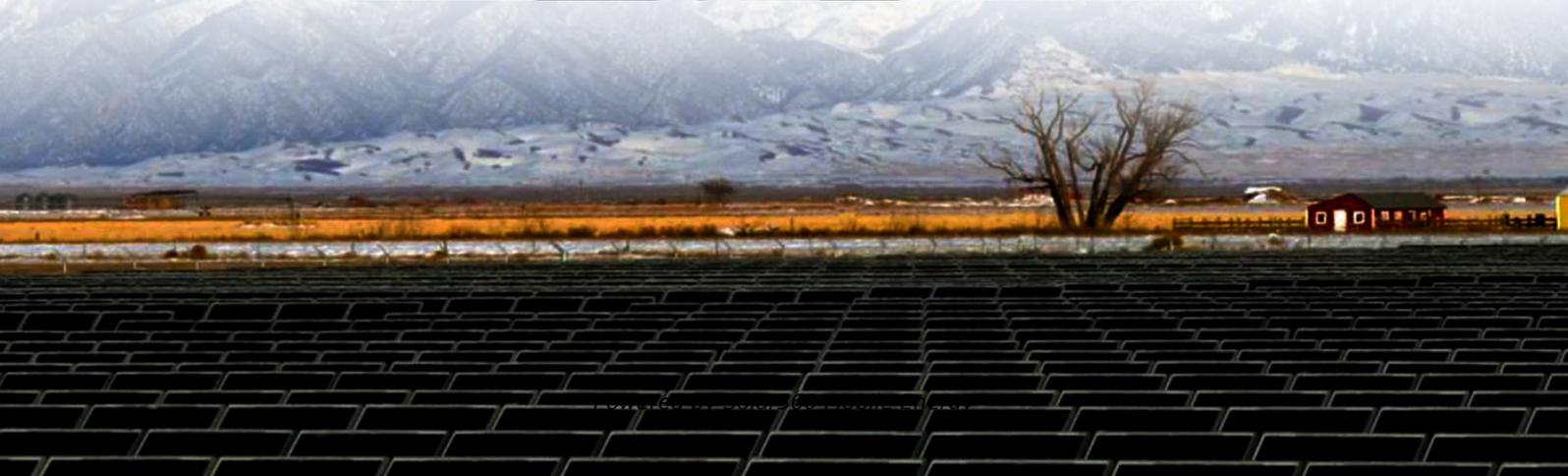


Cheapest containerized microgrid supplier in New Zealand





Overview

Why do we need a microgrid system?

Over recent years, our changing climate has highlighted the need for energy resiliency. Microgrid systems can offer access to energy, increased autonomy from the electricity network, increased reliability, resiliency to climate change impacts (e.g. cyclones), reduced electricity bills, lower green-house gas emissions, and environmental stewardship.

What is a networked microgrid?

Networked microgrids: These systems are also called nested microgrids and consist of several microgrids and separate DERs connected to the same utility grid circuit segment. They serve a wide geographic area. Schneider Electric offers a ready-to-use solution to help you design a microgrid, regardless of the application.

What is a grid-connected microgrid?

Grid-connected microgrids: They have a physical connection to the utility grid through a switching mechanism at the PCC (Point of Common Coupling); however, they can be disconnected into island mode and reconnected back to the main grid when required.

What is an off-grid microgrid?

Typically, an “off-grid” microgrid is built in areas far away from our line and cable assets or in areas where maintaining line and cable assets is expensive. Microgrids typically have a large number of generation assets such as:
Harness the power of the sun. Harness the power of the wind. Store your energy to use at a better time.

Is a microgrid free?

The exciting answer for organisations is "it's free" because an energy-as-a-service (EaaS) approach eliminates your upfront costs. A microgrid, in a more



traditional way, is a CapEx and an OpEx model. In a project model, it's high CapEx and low or no OpEx; in an energy-as-a-service business model, it's high OpEx.

Is there a tiny house off grid solar in New Zealand?

The rise of the tiny home movement and tiny house off grid solar in New Zealand is also something we have huge experience with. Good luck on your journey to live free. We are here to help. Watch this video by Roy Maddox, Director and Rhys Coffin, Solar Designer.



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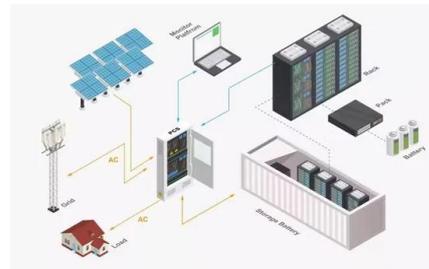


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