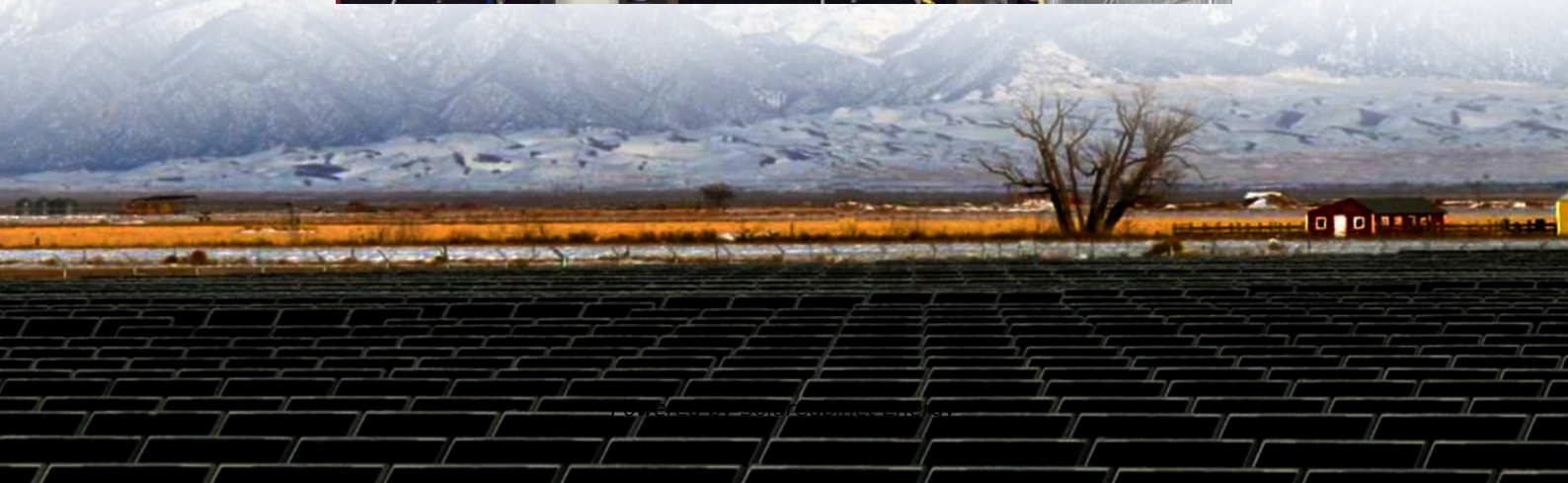


Vanuatu Private Network Base Station Energy Management System





Overview

Are Vanuatu buildings energy-efficient?

Vanuatu's buildings are, in general, not energy-efficient. Comfort and built-in energy demand such as space cooling and lighting are intrinsically related to building design and are best addressed during design and construction.

Why is Vanuatu developing alternative fuels for generating electricity?

This growth is encouraging as it provides confidence that Vanuatu is developing alternatives to diesel for generating electricity. This will reduce reliance on a single fuel (and the related risks to affordability) as well as achieve renewable energy targets for sustainability purposes.

What is Vanuatu's national energy road map?

The overall vision of the 2013 version of the National Energy Road Map (NERM) is to energise Vanuatu's growth and development through the provision of secure, affordable, widely accessible, high quality, clean energy services for an educated, healthy, and wealthy nation. Vanuatu's NERM was first endorsed by the Council of Ministers in 2013.

How can Vanuatu be sustainable?

To be sustainable, and to achieve the overall NERM vision, Vanuatu's energy supply and energy infrastructure must be safe for humans and the environment. They must also promote Vanuatu's broader social and environmental objectives as set out in the NSDP.

What are the objectives for accessible energy in Vanuatu?

There are two main objectives for accessible energy in Vanuatu. These objectives also relate to energy affordability (for example, encouraging a switch from kerosene to pico solar systems is likely, over time, to provide households with cheaper lighting). Objective 2 also relates to green growth objectives.

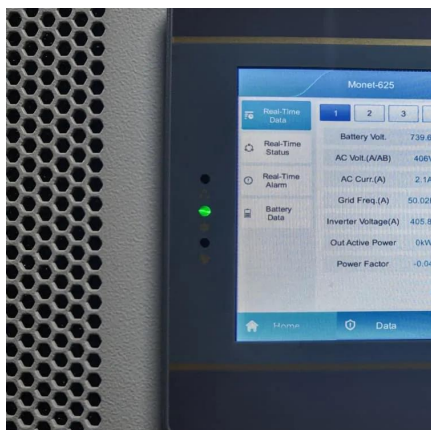


What is the Vanuatu renewables readiness assessment?

The Vanuatu Renewables Readiness Assessment (Government of Vanuatu and International Renewable Energy Agency (IRENA), 2015) assesses the opportunities for greater use of RE, and recommends strategies and actions to facilitate this.



Vanuatu Private Network Base Station Energy Management System



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The system was designed to provide grid-forming capabilities, enhance energy reliability, reduce costs for end-users, and strengthen the capacity of Tanna's concessionaire to operate and ...



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The project outputs will inform the implementation and construction phase to follow, which aims to increase the use of renewable energy in Vanuatu, reducing greenhouse gas emissions and ...

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