

ContainerPower Energy Solutions

Vanuatu non-standard solar panel assembly research and development



Overview

Will a new solar micro-grid change Vanuatu's lives?

(Photo: Ian Iercet) On the remote island of Malekula, the second-largest island in Vanuatu, a new solar micro-grid is changing the lives of over 2,800 people - boosting local development while contributing to Vanuatu's sector specific target of transitioning to close to 100 percent renewable energy for electricity by 2030.

Does Vanuatu have a Power Cooperative?

Throughout the first year of operation, the local energy service company will provide free maintenance and train members of the local communities to operate and maintain the power station. "This is the first-ever power cooperative for Vanuatu's last mile communities.

What is the Vanuatu micro-grid?

Photo: Ian Iercet Launched in September in the communities of Wintua and Lorlow, the micro-grid is Vanuatu's first-ever community-run power system: members of the communities own and manage it.

What is a solar PV system?

This project has been implemented by the Ministry of Climate Change, with support from the United Nations Development Programme (UNDP) and funding from the Government of Austria. The installed solar PV system is a stand-alone 230/400 VAC 50Hz solar micro-grid combined with 48V batteries operating 24 hours and 7 days a week.

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