



Solar power papua new guinea

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Despite huge popularity in the rest of the world solar power has yet to take off in PNG. This is for a variety of reasons but with recent developments in the PNG energy market its now safe and legally compliant to use solar for certain applications. Our policy experts have worked closely with our engineers to develop a range of safe, economic and regulatory compliant solutions for using solar on your business or home. You can leave everything to us or we can talk you through each stage step by step.

Furthermore, the joint venture contributes to capacity building and skills development in Papua NewGuinea by providing opportunities for local professionals to collaborate with experienced expatriates from DS Energy. This collaboration fosters knowledge transfer, skills development, and the empowerment of local talent, ultimately contributing to the sustainable growth of Papua NewGuinea's renewable energy sector.

Sponsored by both the local government and DFAT, this project stands as a testament to its commitment to sustainable development. In a bid to revitalise the market area, DS Energy spearheaded the installation of 100 solar panels, collectively generating an impressive estimated 30 kilowatts of clean energy. Additionally, as part of their comprehensive approach to modernising the infrastructure, DS Energy also integrated 30 solar lights throughout the market premises.

PNG Solar Supply is providing renewable energy solutions across the country. As a subsidiary and the commercial arm of the South Pacific International Academy, all profits from PNG Solar Supply are reinvested into the school's expansion efforts. This unique business model allows the company to contribute both to energy sustainability and educational growth in PNG.

One of PNG Solar Supply's flagship projects is the Kanabea Mini-Grid, located deep in the hinterlands of Gulf Province. This mini-grid system features a 103 kWp solar array supported by 122 kWh of battery storage utilizing advanced lithium iron phosphate batteries. This project is funded by USAID and Kerema DDA, under the direction of Petroleum and Energy Minister Honourable Thomas Opa.

The system connects 41 buildings, including a rural health centre, a church, and a primary school, providing reliable energy to essential services. This project highlights the company's ability to bring sustainable energy to even the most isolated regions of the country.

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