



Papua new guinea solar incentives

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Key benefits Papua New Guinea will see from the wider program include increased access, with more than 194,000 people gaining access to clean, reliable electricity through grid densification and expansion. Around 232,000 people in remote areas will also benefit from off-grid renewable energy solutions such as micro-grids and solar home systems.

The Papua New Guinea National Energy Access Transformation Project (NEAT or the "Project") will be financed by the World Bank and implemented by the National Energy Authority (NEA) and PNG Power Limited (PPL). The project will support the GoPNG in achieving its energy access target through investments in on-grid electrification, sustainable ...

Papua New Guinea's first plug-in electric vehicles (EVs) - two cargo vans and a passenger bus - have appeared on the streets of Port Moresby. Ruby Gamoga reports. Improved access to finance could the rapid development of solar power, according to Jon Pittar, Managing Director of solar provider, Solar Solutions PNG.

Through our innovative solar solutions, we are bridging the energy gap and empowering individuals, households, and businesses with solar energy, reaching all regions of Papua New Guinea.

Over the next four years SolaPayGo aim to supply 10,000 solar power kits throughout PNG. The knock-on effect of reliable energy means that the owners of those 10,000 kits will be able to improve their livelihoods and may well access formal financial services for the first time.

How Solar Pay-As-You-Go Energy Is Helping Papua New Guineans Access Financial Services

Knowledge Management and Communications Consultant

In Papua New Guinea (PNG) over 80% of the population don't have access to grid electricity.

This means that people turn to expensive, unreliable and unsustainable energy sources for their everyday needs. Without access to electricity people can really suffer; children are unable to do their homework, business owners can only operate during daylight hours, and people have to spend longer completing household tasks. That's why SDG 7 aims to ensure access to affordable, reliable and environmentally friendly energy for all.

SolaPayGo, an off-grid energy start-up which received funding from UNCDF's Pacific Financial Inclusion Programme in August 2019, are tackling this problem by providing affordable and durable energy solutions. Since launching they have supplied 3,100 customers with pay-as-you-go, or PAYGO, solar power kits to light



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up homes and small businesses. The kits contain solar panels, lights, a mobile charging bank and a torch or radio.

These customers show the difference that a reliable source of electricity can make to people's ability to make a living; one customer uses his power kit to increase chicken production, to light a snooker hall and to have longer opening hours for his store. But PAYGO solar energy not only enhances people's ability to earn but also may lead them to access digital financial services for the first time.

Solar power kits give people access to clean energy in remote and rural areas which aren't connected to the electricity grid. But these power kits are too expensive for many of these customers. By using a pay-as-you-go model SolaPayGo can lease kits to customers who pay towards ownership of the kit in installments which provides them with energy access at the same time. Once customers reach the end of the lease, if they have made payments throughout, they own the kit. Already more than half of the 3,100 of SolaPayGo's customers have successfully paid off their kits and most of the remaining customers are still making regular payments.

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