



Community microgrids panama

Community microgrids panama

Providing clean, sustainable energy in an underserved community.

The ProjectRural Panama Micro/Smart Power Grid Sustainability Initiative Proposal

The ClientSES Renewables is partnering with the U.S. Panama Business Council, NSolar, and PROPANAMA to study the feasibility and implementation of micro/smart grids in rural Panama to provide clean electricity to underserved communities with no access to the national power grid. The study has been proposed to the USTDA for funding.

The ChallengeApproximately 93,000 families, representing 7% of Panama's population, do not have access to electricity. A majority of these Panamanians are indigenous people living in extreme poverty, a condition made even worse by the lack of electricity and the inability to access the internet. By deploying micro/smart grid systems, Panama's indigenous communities can gain access to permanent, clean, and renewable energy where power delivery is challenging, costly, and unreliable.

The SolutionSES Renewables and our partners have proposed to design and build micro/smart grids with US-sourced components to guarantee permanent, clean, and renewable energy to several of Panama's indigenous communities currently without access to electricity. Once the project is granted funding by the U.S. Trade and Development Agency, it will lead to a more stable, sustainable, climate-friendly, and equitable electrical distribution system for the people of Panama.

The ImpactShould the project be funded, the information gathered on the feasibility of microgrids for this region will be used for further roll-out to more rural communities, resulting in the following:

An asset integrity management tool that helps to significantly reduce unexpected failures.

Research studies determined the safety and performance characteristics of flow batteries.

A Case Study highlighting a groundbreaking approach to sub-seabed sensor protection that significantly reduces costs and enhances the effectiveness of structural health monitoring.

© Stress Engineering Services, Inc. All rights reserved

This is the first blog article in a series by the Acceleration Laboratory of the PNUD in Panama which explores lessons on strategies to achieve universal energy access and its productive uses for a green economy.

Has it happened to you that you are on Instagram and suddenly you see that the charge on your cell phone is



Community microgrids panama

running out? For 97% of the population in Latin America, charging the cell phone - although it may feel like a greater inconvenience when you are far from the power outlet, is a practical action. However, for the 3% who do not have access, the reality is much more inconvenient than extending your arm.

Contact us for free full report

Web: <https://www.kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

