



Equatorial guinea solar panels

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The Government of Equatorial Guinea, through the Ministry of Mines, Industry and Energy, is conducting in Annobon the Project of Solar Energy as a Renewable Energy Source, which will allow island residents to enjoy clean energy. A group of national technicians is being trained to manage the plan.

This is a project formed by solar micro-networks, which had the cooperation of U.S. companies MAECI Solar, GE Power & Water and Power System. The solar complex on which this project is based will consist of numerous 5MW panels, scalable to 10MW in the future. These panels will be managed by a comprehensive system of control and storage of solar energy.

The project has already been considered as the largest system of self-sufficient solar micro-networks of the African continent, and is particularly optimal for the Island of Annobon, which in this way can produce enough electricity to supply itself; meet the needs of the population, and the future needs of tourism, industrial and commercial activity. The province currently has power for a few hours a day; with this system their needs will be covered 24 hours a day.

"The Electrification Project of Annobon will be the right platform for the economic growth of the island, with a much needed production of energy for the development of numerous industries and for the creation of jobs in the island," said Chris Massaro, vice president of the company MAECI.

For its part, the Ministry of Mines, Industry and Energy has also stressed the importance of the project employing Equatorial Guinean citizens, and it is expected that approximately 20 national technicians will be trained, who will control and maintain the facilities.

Wise Power Systems has installed one of the world's largest 100% solar micro grids on Annobon Island, Equatorial Guinea. The system is made up of 20,000 solar panels capable of producing up to 5 Megawatts of power, and the system has up to 10 Megawatts of power storage. The island, located 100 miles off the west coast of Africa, previously only had diesel generators that would only produce power for a few hours each day. Now, thanks to Wise Power Systems, the people of Annobon Island have access to electricity 24 hours a day.

This new access to reliable power now gives the island and its residents the ability to do things that previously were impossible. This includes keeping their streets lit at night, powering their homes, and even powering freezers to preserve and store fish caught in the surrounding fishing grounds.

In addition to the Micro Grid, Wise Power Systems also replaced 10,000 light bulbs in the main city of San Antonio de Palé with our own patented low-usage LED Lights. Each of these lights is capable of lasting for over 80,000 hours of use, and output an industry-leading 180 lumens per Watt. Upgrading these lights means



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that there is now less strain on the grid, leaving more room for future expansion. The island's government has already begun construction on a new hospital, a new school, and even a new stadium.

The Wise Power Systems Micro Grid provides a host of new opportunities. Now, the people of the island can experience and learn about solar power first-hand, and work to improve and spread the technology throughout the globe.

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