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Twelve remote villages in the Suriname forest now enjoy continuous power thanks to a new microgrid initiative. The Suriname Village PV Microgrid Project will consist of five microgrids with a total generation capacity of 5,314 MWh, serving 34 villages once completed.

In addition, SINOSOAR has successfully supplied and installed more than 400,000 sets of off-grid solar power system. These independent solar power systems are providing renewable energy to more than 3 million people ...

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By switching to solar, Suriname can significantly reduce its carbon footprint, contributing to global efforts to combat climate change. Energy Independence: Solar energy production is decentralized, allowing power generation at the point of consumption.

To meet the urgent needs of the Surinamese people, PowerChina signed a contract with Suriname's Ministry of Natural Resources in September 2019 for the first phase of a microgrid photovoltaic project in the villages of Goejaba and Pikin Slee.

Power Construction Corporation of China (POWERCHINA) has handed over the first site of the second phase of a microgrid photovoltaic project in Suriname. The project will provide more people in remote villages with an uninterrupted 24-hour power supply.

3 ????#0183; Each plant combines solar panels with battery storage and a diesel generator for backup. The plants will supply 360 kWh per cluster, or enough to power all households in each village. PowerChina began the project's first phase in 2019, involving the design, procurement, and construction of 650 kW of solar power and 2.6 MWh of energy storage.

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In addition, SINOSOAR has successfully supplied and installed more than 400,000 sets of off-grid solar power system. These independent solar power systems are providing renewable energy to more than 3 million people to meet their basic needs of electricity.

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