



Sierra leone energy storage systems

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Asantys Systems has developed containerized solar-storage solutions in Sierra Leone, featuring solar containers with capacities ranging from 30 kW to 130 kW. The containers include inverters from German manufacturer SMA and batteries from Hoppecke Batterien.

PowerGen will use the systems for a series of projects in Sierra Leone under the Rural Renewable Energy Project (RREP) initiative. The UK Foreign, Commonwealth, and Development Office (FCDO) provided about EUR44 million (\$48.5 million) of funding for the project, which will be overseen by the United Nations Office for Project Services (UNOPS).

The solar containers range in capacity from 30 kW to 130 kW and come with inverters from German manufacturer SMA and batteries from Hoppecke Batterien. Their combined capacity is 1.3 MW and their storage capacity is 5.76 MWh.

The World Bank has said that only 23% of people in Sierra Leone have access to electricity, which is below the Sub-Saharan average of 30%. This figure drops to less than 6% in rural areas, it noted.

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We offer you all services around energy production, energy storage, backup systems, energy transport via overhead lines and underground cables as well as the development of supply concepts for private persons, organisations, companies and small and medium-sized cities.

Our goal is the broad implementation of modern and efficient energy principles with maximum integration of renewable energy sources. We want to contribute to making society more friendly towards our common home, planet earth.

Since 2017, Systems Sunlight has been engaged in strengthening energy infrastructure through Sierra Leone's Rural Renewable Energy Project, aiming to improve essential services for over 346,000 beneficiaries.

"We continue with our mission as a company to contribute to society through clean and sustainable energy.



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Low-carbon clean energy can be the fuel for the economy and the motor for growth for the years ahead of us."

In collaboration with the Government of Sierra Leone, the UN Office for Project Services (UNOPS) and the UK's Foreign Commonwealth and Development Office (FCDO), Sunlight's advanced lead batteries were essential for Ebola recovery efforts post-2014.

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