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Sierra Leone Hybrid Energy Storage Project

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Overview

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Renewable energy financing platform CrossBoundary Energy will develop a hybrid solar PV, battery energy storage system (BESS) and thermal energy project at the Baomahun gold mine in Sierra Leone. In a partnership with FG Gold, a Sierra Leonean gold mining company, the project will supply around 90%.

The Baomahun Gold Mine, located in the Valunia and Kunike Barina Chiefdoms of Sierra Leone, represents the first large-scale commercial gold project in the country The hybrid energy solution at the Baomahun Gold Mine will consist of 21MW thermal plant, 23.8MW solar PV, and a 13.8MWh/13MW Battery.

A new SLE 830 million (EUR 34mMillion) initiative funded by the European Union will further advance Sierra Leone's vision of access to sustainable energy. The initiative will deliver sustainable, affordable energy and create opportunities for all across the nation. Freetown, 5th June 2025: In a.

CrossBoundary Energy has unveiled plans to spearhead the development of a groundbreaking hybrid solar photovoltaic (PV), battery energy storage system (BESS), and thermal energy project at the Baomahun gold mine in Sierra Leone. Teaming up with FG Gold, a local gold mining company, the project aims.

Sierra Leone, located in West Africa, is rich in mineral resources and holds significant potential for economic development. However, constrained by a weak foundational power grid, the country has long faced challenges of electricity shortages. Inadequate power supply has become a bottleneck for.

If you’re researching energy solutions in Sierra Leone, chances are you’re either: Why focus on Sierra Leone energy storage?

With only 30% national electrification (dropping to 5% in rural areas) [9], this West African nation is becoming a real-world lab for cutting-edge storage solutions. Let’s.

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