

Kongres Container

Guinea solar energy system project installation



Overview

The Global Energy Alliance for People and Planet (GEAPP) is leading this initiative, which includes the installation of three battery storage systems and a 30 MW solar photovoltaic (PV) plant, marking a pivotal moment in the nation's energy transition. How many people will 84 MW solar power supply in Guinea?

Translated into household equivalents, the 84 MW project could supply more than 360,000 families. The solar plants will contribute substantially to Guinea's overall goal of producing 30% of its energy from renewable sources by 2030, a key part of the country's commitment to the Paris Agreement.

How will a solar power plant boost Guinea's energy supply?

Further financial support is anticipated from institutions like the African Development Bank (AfDB) and the European Union. The completed solar power plant is projected to generate 165 GWh of electricity annually, substantially increasing Guinea's energy supply. This boost in capacity is crucial for a nation experiencing growing energy demands.

When will a solar farm start in Guinea?

The solar farm will be developed in two 42 MW phases, with the first slated to begin in early 2025 and the second shortly after. Full operational capacity is expected by 2027. The project will utilize a public-private partnership model, with the Guinean government actively seeking investors to finance, build, and operate the plant.

What is the Kankan-Siguiri solar project?

The Kankan-Siguiri solar project is just one of several renewable energy projects in Guinea, including initiatives focused on wind and biomass energy. These efforts underscore Guinea's commitment to the Paris Agreement and its ambitious target of achieving a 30% renewable energy share in its national energy mix by 2030.

How will a new energy plant benefit Guinea?

The two plants will make Guinea's energy system stronger, greener and more reliable, bringing an extremely affordable new energy source into a historically fossil-fuel-dominated (and expensively subsidised) market.

Can Guinea become a solar era?

The facilities will also create skilled jobs for engineers, managers and maintenance technicians in Kankan and Siguiiri, while powering economic development throughout the communities. Backed up by a sound financial model, this ambitious project is well placed to reach financial close and take Guinea into its solar era.

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