

## Kongres Container

# Guinea Energy Storage Power Source Factory



## Overview

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What is Guinea's energy strategy?

Includes a market overview and trade data. The Guinean government has announced a long-term energy strategy focusing on renewable sources of electricity including solar and hydroelectric as a way to promote environmentally friendly development, to reduce budget reliance on imported fuel, and to take advantage of Guinea's abundant water resources.

Is Guinea a potential exporter of power?

Guinea's hydropower potential is estimated at over 6,000MW, making it a potential exporter of power to neighboring countries. The largest energy sector investment in Guinea is the 450MW Souapiti dam project (valued at USD 2.1 billion), begun in late 2015 with Chinese investment.

Is biomass a source of electricity in Guinea?

Traditional biomass – the burning of charcoal, crop waste, and other organic matter – is not included. This can be an important source in lower-income settings. Guinea: How much of the country's electricity comes from nuclear power?

Nuclear power – alongside renewables – is a low-carbon source of electricity.

What is the biggest energy investment in Guinea?

The largest energy sector investment in Guinea is the 450MW Souapiti dam project (valued at USD 2.1 billion), begun in late 2015 with Chinese investment. A Chinese firm likewise completed the 240MW Kaleta Dam (valued at USD 526 million) in May 2015.

How has Kaleta changed Guinea's electricity supply?

Kaleta more than doubled Guinea's electricity supply, and for the first-time furnished Conakry with more reliable, albeit seasonal, electricity (May-

November). Souapiti began producing electricity in 2021. A third hydroelectric dam on the same river, dubbed Amaria, began construction in January 2019 and is expected to be operational in 2024.

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