

## Kongres Container

# Guinea energy storage project subsidies



## 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.

Why does the Republic of Guinea have a low electricity supply?

Why it matters: Despite immense renewable energy potential, the Republic of Guinea suffers from low electrification rates, frequent power outages, and a heavy reliance on diesel generators. National electricity access stands at under 40%, with rural access below 15%, and even urban areas face unreliable supply.

How does Guinea's energy system affect the economy?

Impact: Guinea's unreliable, underdeveloped energy system constrains industrialization, public service delivery, and economic productivity. Millions remain locked out of opportunity due to energy poverty, while national assets in hydro and solar energy remain vastly underutilized.

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.

Does Guinea have a good electricity supply?

National electricity access remains under 40%, with rural electrification below 15%. ● Guinea possesses over 6,000 MW of untapped hydropower potential, yet less than 15% has been developed. ● Frequent outages and poor voltage

stability plague urban zones, including Conakry.

Does Guinea have a good sanitation system?

In Guinea, over 40% of the population lacks access to basic drinking water, while more than 65% do not have improved sanitation (UNICEF/WHO, 2023). Conakry and other growing cities face frequent flooding, waste accumulation, and infrastructure collapse during the rainy season.

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