

Wholesale 240v power station in Zambia





Overview

How is Zambia's Electricity Market structured?

Table 1: Installed and Available Generation Capacity (MW) Zambia's electricity market is structured as a single-buyer market model with ZESCO acting as the unique off-taker and bulk retailer of electricity on the national interconnected system.

How much electricity does Zambia produce?

Zambia has 2,800 MW of installed electricity generation capacity, of which 83 percent is from hydro, nine percent from coal, five percent from heavy fuel oil, and three percent from solar. The mining sector is the country's largest power consumer, using 51 percent of total generated electricity, followed by the domestic sector at 33 percent.

What are the main hydroelectric power stations in Zambia?

Zambia's main hydroelectric power facilities are the Kariba North Bank Power Station (1,080 MW), Kafue Gorge Power Station (980MW), Kafue Gorge Lower Power Station (750 MW), Victoria Falls Power Station (108 MW), Lunsemfwa Hydro Power Station (56 MW), and the Itezhi Tezhi Hydro Power Station (120 MW).

What is the history of electricity in Zambia?

The electricity supply in Zambia originated in 1906 when a small thermal station was built i. Afcap, one of the leading lighting suppliers in sub-Saharan Africa. We are at the forefront of lighting innovation and supply solutions to a variety of projects and applications, from commercial spac.



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[Zambia's power infrastructure - revised November 2024](#)

Mar 19, 2023 · Revised in November 2024, this map provides a detailed view of the power sector in Zambia. The locations of power generation facilities that are operating, under construction ...



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Zambia's Electricity Sector Market Structure
Zambia's electricity market is structured as a single-buyer market model with ZESCO acting as the unique off-taker and bulk retailer of electricity ...



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