

Zambia energy storage exports





Overview

From 2021 to 2023, Zambia exported 5479 GWh of electricity above the historical average, using an estimated 29.1 billion m³ of Kariba water—45% of its storage capacity. How much electricity did Zambia export in 2021?

From 2021 to 2023, Zambia exported 5479 GWh of electricity above the average export levels of the previous five years, using an estimated equivalent of 29.1 billion m³ of Kariba Dam water – equivalent to 45% of storage capacity at Kariba Dam.

What does Zambia export?

Other than copper, which accounts for 70% of the country's total exports, Zambia exports sugar, tobacco, gemstones, cotton and electricity. Based on data from ZamStats, Zambia's main export trading partners are Switzerland (45% of total exports), China, DRC and South Africa.

How much does a solar battery cost in Zambia?

Africa Clean Energy Technical Assistance Facility. (2022). Customs Handbook for Solar PV Products in Zambia. Bloomberg New Energy Finance. (2022, December 6). Lithium-ion Battery Pack Prices Rise for First Time to an Average of \$151/kWh.

Is Zambia a regional energy supplier?

Electricity exports, meanwhile, have exhibited a less consistent pattern being roughly steady up to 2020 but have surged sharply in recent years. From 2020 onwards, electricity exports have grown by an average annual rate of 40%, signalling Zambia's increasing role as a regional energy supplier.

What companies trade in electricity in Zambia?

Private companies also trade in electricity in Zambia. The largest of these, Copperbelt Energy Corporation Plc (CEC), buys electricity primarily from ZESCO and sells it to the various mines in the Copperbelt Province. It also



operates its own generators, most of which run on fossil fuels.

What products does Zambia import?

Zambia's main import products are refined copper, refined petroleum, crude petroleum, nitrogenous fertilisers and mixed mineral or chemical fertilisers. The main source countries for Zambia's imports are South Africa, China, United Arab Emirates (UAE), India and DRC.



Zambia energy storage exports



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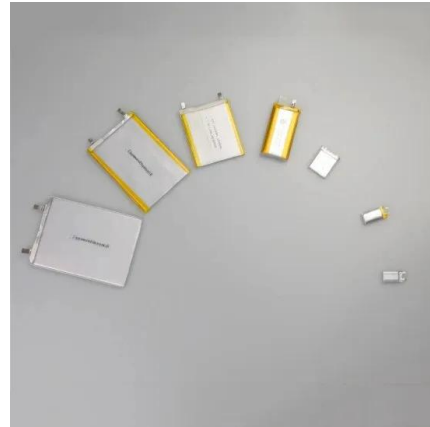
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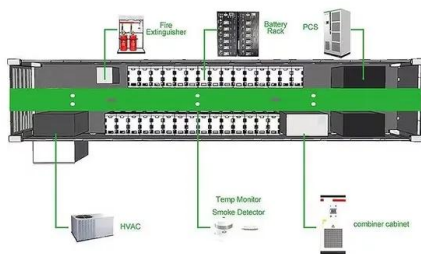
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Based on data from ZamStats, Zambia's main export trading partners are Switzerland (45% of total exports), Chi-na, DRC and South Africa. Zambia's main import products are refined ...

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