

Kongres Container

Zambia Kitwe Chemical Energy Storage Project

*Lower cost
larger system*

20Kwh

30Kwh



Verified Supplier



Overview

What can Zambia do besides solar?

SIAZ President Matanda Mwewa noted that besides solar, Zambia has potential for wind, geothermal and other forms of renewable energy that can be added to the national grid. Speaking to ESI Africa, Mwewa said: “We need to diversify seeing that we can’t just rely on hydropower.

Why does Zambia have a power shortage?

Zambia is a country experiencing enhanced loadshedding due to power shortage caused by reduced water levels at Kariba, one of the country’s major power stations. The installed generation capacity in Zambia is 3,356.6 MW: 83% of hydro and increasingly vulnerable to climate change; 9% coal; 5% heavy fuel oil; and 3% solar PV.

Is Zambia a copper producer?

Zambia is the second largest producer of copper in Africa and its economy is heavily dependent on copper mining (at least 70% of total exports). Efforts to diversify economic activity or invest revenues from mining to other sectors of the economy have been limited.

Which regions in Zambia have good wind speeds?

Zambia has a few regions with good wind speeds. These include the Viphya Mountains 1 , the Muchinga Escarpment 2 , the Eastern Province 3 , the Central Province 4 and the Lusaka Province. 5 A wind atlas can give a good idea of the attractive regions but, unlike PV, potential is very site-specific.

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