

Zambia Power Base Station Announcement





Overview

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).

Does Zambia have a solar power plant?

Maamba Collieries Limited operates Zambia's largest IPP, a coal-fired thermal power plant commissioned in 2016, which can generate up to 300 MW. Zambia's installed solar capacity is 89 MW.

What percentage of Zambians have access to the national power grid?

Only 43 percent of Zambians have access to the national power grid (67 percent of urban residents; and 14.5 percent of rural residents). ZESCO, a vertically integrated parastatal utility, operates government-owned power stations, and is responsible for maintaining and installing transmission lines and distribution networks.

Who uses the most electricity in Zambia?

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. Only 43 percent of Zambians have access to the national power grid (67 percent of urban residents; and 14.5 percent of rural residents).



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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 ...

Zambia to develop 300MW of new coal-fired capacity

21 hours ago · The country's only operational coal-fired plant, the 300MW Maamba coal power station owned by Zambia's largest coal mining firm Maamba Collieries, is set to double its ...

Zambia launches largest grid-connected solar power project

Jul 1, 2025 · The project encompasses a 100-MW solar power station, a 33/132-kV step-up substation, and the expansion of an existing substation. The commissioning ceremony was ...

ZESCO signs 25-year power purchase deal ...

Jul 15, 2025 · ZESCO Limited has signed a 25-year Power Purchase Agreement (PPA) with Lufubu Power Company (LPC) to secure 163 ...

China-built Hydropower Project Energizes Zambia

Feb 12, 2025 · As a flagship project between China and Zambia under the Belt and Road Initiative (BRI), the Kafue Gorge Lower Hydropower Project (KGL) is Zambia's largest infrastructure ...

ZESCO Limited

The Planning and Projects Directorate embodies the forward-thinking approach essential for ensuring Zambia's energy sustainability and uninterrupted service delivery. Their focus on ...

Zambia's power infrastructure - revised ...

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 ...

Zambia Unveils \$500M Energy Plan to Boost Power Supply

Nov 6, 2025 · The announcement came during a ceremony at the Kafue Gorge Lower Hydro Power Station on Tuesday, where Hichilema emphasized the need for long-term energy ...

Zambia taps into hydropower with 163 MW ...

Jul 22, 2025 · Zambia's power utility, ZESCO, has signed a 25-year power purchase agreement (PPA) with Lufubu Power Company to procure 163 ...

Zambia to develop 300MW of new coal-fired capacity

The country's only operational coal-fired plant, the 300MW Maamba coal power station owned



by Zambia's largest coal mining firm Maamba Collieries, is set to double its capacity to 600MW ...

Zambia taps into hydropower with 163 MW PPA , Energize

Jul 22, 2025 · Zambia's power utility, ZESCO, has signed a 25-year power purchase agreement (PPA) with Lufubu Power Company to procure 163 MW of baseload hydropower from a new ...

Zambia

Jun 6, 2024 · Zambia has two utility scale solar power plants: French company, Neoen, and U.S. company, First Solar, own and operate the 47.5 MW Bangweulu Solar Power Station in ...

ZESCO signs 25-year power purchase deal with Lufubu Power ...

Jul 15, 2025 · ZESCO Limited has signed a 25-year Power Purchase Agreement (PPA) with Lufubu Power Company (LPC) to secure 163 Megawatts (MW) of baseload hydropower from a ...

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