

PIENAAR ENERGY (PTY) LTD

Malawi base station energy storage power supplier



Overview

The Kanengo Substation, already a key hub in the country's power distribution network, will now host this state-of-the-art storage system. The BESS is expected to support industries, businesses, and households by reducing energy disruptions and enhancing efficiency in. Located adjacent to ESCOM's Nkhoma substation in Lilongwe District, our 60MW/240MWh BESS is scheduled for completion in the second half of 2027. By harnessing and storing low-cost.

Lilongwe, Malawi | 25th November 2024 — The Global Energy Alliance for People and Planet (GEAPP) and the Government of Malawi have officially launched the construction of a 20 MW battery energy storage system (BESS) at the Kanengo substation in Malawi's capital city, Lilongwe. Improved electricity reliability will be achieved through the addition of 20MW to the national. The \$20 million BESS project will stabilise Malawi's hydropower-reliant grid, enhance electricity access, and reduce carbon emissions by 10,000 tonnes annually. This initiative is part of GEAPP's BESS Consortium, which aims to deploy 5 GW of storage in low-middle-income countries by 2024.

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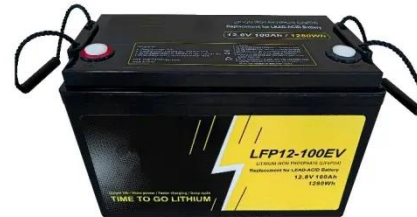
Malawi battery energy storage project

The 20MW Golomoti Solar PV and Battery Energy Storage project in the Dedza district of Malawi, developed by Canada's JCM Power and InfraCo Africa has started commercial operations, ...

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GEAPP, Government of Malawi launch the construction of 20 MW ...

GEAPP is providing up to \$20 million in grant funding to the Electricity Supply Corporation of Malawi (ESCOM) to support the design, procurement, installation, and operation of ...



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Escom's 20MW battery energy storage project ready Feb 2026

The \$16 million project, funded by the Global Energy Alliance for People and Planet (Geapp), started in November 2024 and expected to be commissioned in February 2026. The project ...

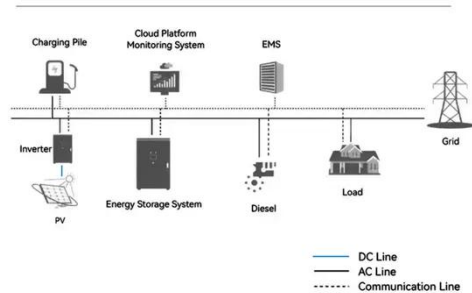
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Procurement Lessons from Malawi's cleaner, battery-energy storage

Backed by our Alliance, and implemented by the state utility ESCOM, the project will install a 20MW/30MWh battery system in Lilongwe. The system will store electricity when supply is ...

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System Topology



Malawi industrial craft energy storage

President Lazarus Chakwera has today officially launched the Battery Energy Storage System (BESS) project by the Electricity Supply Corporation of Malawi (Escom) at Kanengo in Lilongwe.

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Powering Malawi's Growth: Escom's 20MW Battery Energy Storage ...

Investment in the energy sector is expected to boost economic growth in Malawi, with the government committing to support the \$16 million BESS Project to meet its February 2026 ...

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Malawi Electric Power Station Energy Storage Project

Chinese company Sungrow Power Supply

will supply the storage system for the Golomoti solar PV power plant being built in the Dedza district of Malawi. The project is being implemented by

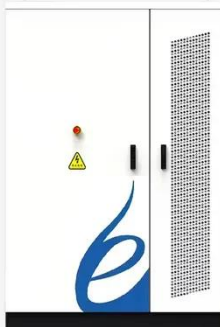
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Malawi -- Energy Storage Africa

Located adjacent to ESCOM's Nkhoma substation in Lilongwe District, our 60MW/240MWh BESS is scheduled for completion in the second half of 2027. Our BESS project will provide peak power, ...

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MALAWI UNVEILS AFRICA'S FIRST 20MW BATTERY STORAGE

The Alliance is helping the government-owned Electricity Supply Corporation of Malawi (ESCOM) deploy and operate a 20 MW battery energy storage system (BESS). This battery system will strengthen ...

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Expanding energy generation and storage in Malawi

As the first utility-scale plant in the region to use a battery storage system, the project generates energy to the national grid for use by homes and businesses. Its capacity to store up to 10MW of energy is ...

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