



Malawi 2025 Energy Storage Project





Overview

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The Global Energy Alliance for People and Planet (GEAPP), in collaboration with the Government of Malawi, has commenced the construction of a 20 MW battery energy storage system (BESS) at the Kanengo substation in Malawi's capital, Lilongwe. "The cyclone's impact revealed the vulnerability.

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. This is GEAPP's first.

. Battery Storage for Grid Stability. Of Malawi's 20 million people, fewer than 2.5 million have access to grid electricity. 86 Even for those who do, Mala o establish an energy storage system. Dubbed Battery InfraCo Africa, RINA and Innovate UK. Located in the Dedza district of Mal system, a.

WASHINGTON, May 15, 2025— The World Bank Board of Executive Directors today approved a \$350 million grant from the International Development Association (IDA)* to support Malawi's Mpatamanga Hydropower Storage Project (MHSP), a large infrastructure operation aiming to transform the country's energy.

President Lazarus Chakwera on Monday rolled out the \$20 million (about K35



billion) Battery Energy Storage System (Bess) at Kanengo in Lilongwe, capable of storing 20 megawatts (MW) of power which can be used during peak hours. The Bess, supported by the Green Energy Alliance for People and Planet.



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MHSP's main and regulating dams on the Shire River will generate clean energy and store power to supply electricity during peak demand hours, helping to improve the ...

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[GEAPP, Government of Malawi launch the ...](#)

By breaking ground for this BESS project (and its subsequent completion expected in 2025), Malawi is an important proof point for the ...

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Malawi builds energy storage system

Solar photovoltaic (PV) and energy storage systems (ESS) solutions supplier Sungrow has partnered with JCM Power, InfraCo Africa, RINA and Innovate to build Malawi's first utility ...

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Malawi energy storage economics

The system will be commissioned by June 2025, marking a significant milestone in Malawi's journey towards a cleaner and more sustainable energy future. & #160;& #160;The project is ...

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[Battery energy system to help stabilise power](#)

The system scheduled for implementation in June 2025, will deploy advanced battery systems capable of storing over 20MW, providing much-needed stability to the national ...

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[Malawi industrial craft energy storage](#)

Malawi is building its first battery-energy storage system to protect its grid from extreme weather, including cyclones that have repeatedly disrupted power in recent years.

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Malawi Powers Forward: Kanengo BESS Project Signals a New Era in Energy

On Monday, November 10, 2025, the Minister of Natural Resources and Energy and Mining, Honourable Dr. Jean Mathanga, led a site inspection of the Kanengo BESS Project -- a first-of ...

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

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[Battery energy system to help stabilise power](#)

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Malawi battery storage off grid

The project addresses the challenges of energy access in Malawi, where less than 12% of the population are connected to the national grid, limiting development and economic growth.

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Scheduled to be fully operational by June 2025, this innovative system is designed to enhance security and reliability by storing energy during low-usage hours for release during ...

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Malawi Powers Forward: Kanengo



BESS Project Signals a New ...

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CHAKWERA LAUNCHES LANDMARK BATTERY ENERGY STORAGE SYSTEM PROJECT

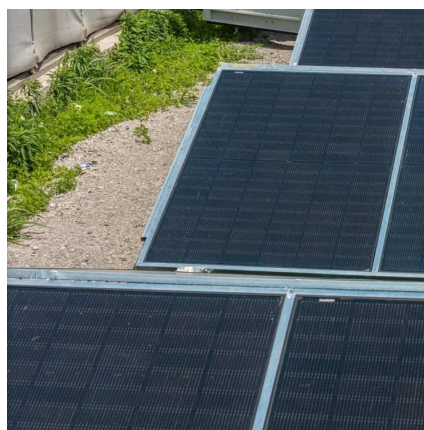
Scheduled to be fully operational by June 2025, this innovative system is designed to enhance security and reliability by storing energy during low-usage hours for release during ...

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[Malawi battery energy storage project](#)

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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