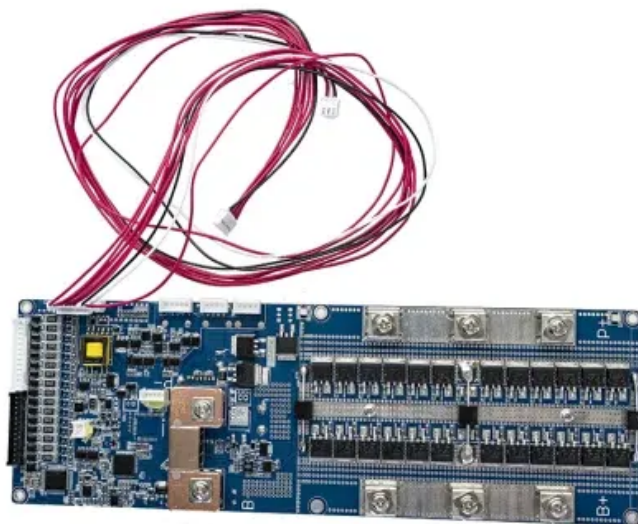


# Malawi Grid Battery Energy Storage Policy



## Overview

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This battery system will strengthen Malawi's grid and enable a far steadier uptake of variable power from renewables. The project includes funding for design, engineering, procurement, construction, and testing of the new storage system. Malawi's heavy reliance on clean energy sources, however, presents several challenges. 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 (GEAPP), is located adjacent to ESCOM's Nkhoma substation in Lilongwe District. The 60MW/240MWh BESS is scheduled for completion in the second half of 2027. By harnessing and storing low-cost renewable energy, the project will help Malawi achieve its goal of 100% renewable energy by 2030. President Chakwera has also condemned the vandalism of ESCOM assets, calling for the protection of national infrastructure.

## Malawi Grid Battery Energy Storage Policy

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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

### Battery Storage for Grid Stability

To maintain and expand its clean energy pathway, Malawi must stabilize its grid and expand generation capacity enough to serve millions of people, all without turning back to diesel power. The key here is



### Malawi battery for grid 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.

### 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 grid. In his



### [President Chakwera launches Battery Energy Storage System Project](#)



## Malawi the energy storage

What does Malawi's energy supply system look like? Malawi's energy supply system consists of five components: biomass, electricity, liquid fuels and gas, coal and other renewables.



## Malawi - Energy Storage Africa

Our BESS project will provide peak power, support renewable energy integration, and enhance overall grid stability. By harnessing and storing low-cost surplus power and balancing renewable energy

## MALAWI POWER GRID STORAGE

Malawi launches first battery energy storage system to strengthen power grid Date: Dec 4, 2024 The Global Energy Alliance for People and Planet (GEAPP), in collaboration with the Government of



## [GEAPP, Government of Malawi launch the construction of 20 MW battery](#)

The Malawi BESS project aligns with the COP29 Presidency's Global Energy Storage and Grids Pledge, targeting a sixfold increase in energy storage to 1500GW and significant grid

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