

# Namibia energy-saving new energy storage battery



## Overview

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Namibia's power utility, NamPower, on Wednesday signed an agreement with two Chinese companies for the development of the country's first 54MW/54MWH utility-scale Battery Energy Storage System (BESS). The projected BESS enables electricity to be stored and dispatched when required. By 2030 the Namibian government plans to increase the share of renewable energies (RE) in its electricity generation from around 30% to 70%. The project, designed at 51MW/51MWh, represents a landmark 45 MW / 90 MWh battery project in Namibia begins procurement with World Bank backing. 15 (Xinhua) -- Namibia has received the first shipment of equipment for its 51-megawatt (MW) Omburu Battery Energy Storage System (BESS) project, the country's first utility-scale battery installation as the country moves to strengthen the electricity grid and expand renewable energy. In December 2023, the country signed contracts for its first utility-scale battery energy storage system (BESS) - a 54MW/54MWh project at Omburu Substation [1] [2]. 5 million people?

Wait, no – it's not just about keeping lights on.

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### [Namibia to build first utility scale battery energy storage system in](#)

Namibia's planned new battery storage system brings it closer to reaching its green-energy goal. Its Renewable Energy Policy aims to modernise the energy sector, make it more self-reliant and turn it ...

### [Namibia receives first shipment for pioneering battery energy storage](#)

The Omburu project, located near Omaruru in central Namibia, is designed to store 51 megawatt-hours of electricity for release during peak demand, displacing costly emergency imports ...



### [Namibia's Energy Storage Breakthrough: The 54MW BESS Project ...](#)

Namibia's just made a game-changing move. In December 2023, the country signed contracts for its first utility-scale battery energy storage system (BESS) - a 54MW/54MWh project at Omburu Substation ...



### [OMBURU BATTERY ENERGY STORAGE SYSTEM \(BESS\) ...](#)

A battery storage system such as the KfW funded 54MW / 54 MWh Omburu BESS Project can fulfil a multitude of tasks related to the challenges of the integration of RE and is ideally suited to support ...



[First battery storage equipment arrives at Walvis Bay](#)

The country has taken a significant leap toward securing a stable and renewable energy future with the arrival of the first major equipment for the 51-megawatt (MW) Omburu Battery Energy ...



[The Windhoek Energy Storage Project: Powering Namibia's ...](#)

As the sun dips below the Kalahari dunes each evening, this lithium-ion and flow battery hybrid system kicks into gear, storing enough daytime solar energy to power 90,000 homes through ...



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[First utility-scale battery energy storage system to be developed in](#)

Namibia's power utility, NamPower, on Wednesday signed an agreement with two Chinese companies for the development of the country's first 54MW/54MWH utility-scale Battery ...

### [Namibia: EPC contract signed for first-ever grid-scale BESS](#)

Key contracts have been signed for the first-ever grid-scale battery storage project in Namibia, signifying the African country's dedication to modernising its energy infrastructure, ...



### [Namibia's power corp launches procurement for 90 MWh battery ...](#)

The Namibia Power Corporation (NamPower) has opened the Initial Selection stage for the engineering, procurement, and construction of the 45 MW / 90 MWh Lithops battery energy ...



### [First Shipment Arrives for Namibia's Landmark 51MW Omburu Battery](#)

Namibia has reached a major milestone in its renewable energy journey with the arrival of the first shipment for the Omburu Battery Energy Storage System (BESS) Project, the country's first ...



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