

Namibia duracell battery storage

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 into a net exporter of power.

A joint venture (JV) between the two Chinese companies will deliver the 54MW/54MWh Ombuu battery energy storage system (BESS) project in Namibia's Erongo Region, at the existing Omburu Substation. Construction is expected to take around 18 months for the project to come online in the latter part of 2025.

On 7 December 2021, KfW Development Bank, the National Planning Commission and NamPower signed a grant agreement for 20 million Euro (approx. 400 million NAD) towards the implementation of the first utility scale Battery Energy Storage System (BESS) in Namibia, and the Southern African region at large.

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"To mitigate intermittency and maintain grid stability, NamPower is developing and constructing Battery Energy Storage System (BESS) projects such as the Omburu BESS with a capacity of 54 MW (1 hour of storage), to be located at Omburu substation near Omaruru Town, and the 45 MW/90 MWh BESS to be located at Lithops Substation," said Mingeli.

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The collaborative effort is aimed at spearheading the development of the country's inaugural 54 MW/54 MWh utility-scale Battery Energy Storage System (BESS). The BESS represents a monumental advancement enabling the storage and timely distribution of electricity as per demand, an essential innovation in the country's energy infrastructure.

The project is the first utility-scale BESS in Namibia and the Southern African region and will eventually establish a 58MW / 72MWh battery energy storage system at the Omburu substation in the Erongo Region. The BESS project is funded through a bilateral cooperation agreement between the German federal



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government and the Namibian Government.

Namibia Power Corporation (NamPower) has recently signed key EPC contracts with Shandong Electrical, Engineering & Equipment Group (SDEE) and Narada Power for the first-ever grid-scale battery energy storage project in the Southern African country.

Namibia is set to expand its power storage capacity in the energy sector with the introduction of the first-ever Omburu battery energy storage system (BESS). "The BESS project will help government accomplish its goals by ensuring electricity supply security, cost efficiency and self-sufficiency," said NamPower managing director Kahenge ...

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