World s largest battery storage Namibia

NamPower, Namibia"s state-owned power utility, has signed a contract with a Chinese joint venture to build the first utility-scale battery energy storage system (BESS) in the country and the Southern African region.

Expressing commitment and determination, Jin Bei, a representative from SDEE, pledged to construct a state-of-the-art facility, aiming to make it a benchmark in Namibia"s new energy domain. Scheduled to commence in February 2024, the project is slated for completion within approximately 550 days.

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, according to a top local official.

Together, they are set to establish a groundbreaking 54 MW/54 MWh battery-based electricity storage system at the Omburu substation, marking a significant advancement for large-scale electricity storage in Namibia.

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 ...

The Erongo Battery Energy Storage System, also Erongo BESS, is a planned 58 MW (78,000 hp) battery energy storage system installation in Namibia. The BESS, the first of its kind in the country and in the Southern African region, will be capable of ...

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.

As reported by Energy-Storage.news in December 2021, the Omburu BESS project is supported by a EUR20 million (US$21.58 million) grant from the German government through national development bank KfW. That represents about 80% of the total cost, with NamPower financing the remainder.

SummaryLocationOverviewDevelopersSee alsoExternal linksThe Erongo Battery Energy Storage System, also Erongo BESS, is a planned 58 MW (78,000 hp) battery energy storage system installation in Namibia. The BESS, the first of its kind in the country and in the Southern African region, will be capable of providing 72MWh of clean energy to the Namibian grid.

The battery storage facility is expected to be crucial in improving system stability, lowering dependency on energy imports, easing the smooth integration of large-scale renewable energy sources into Namibia"s power grid, and more effectively controlling demand peaks.

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Omburu is the country"s first large-scale grid-side battery energy storage project and is set to become the largest energy storage project in sub-Saharan Africa. This will enable Namibia to release stored photovoltaic power when necessary, support grid stability and reduce Namibia"s reliance on peak-load fossil fuel power generation capacity ...

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WINDHOEK, Dec. 13 (Xinhua) -- 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).

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