## SOLAR PRO

## **Accurate smart battery systems Namibia**

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.

As the first utility-scale storage projects in Namibia, the Omburu BESS will provide the following benefits: o Surplus electricity from RE generation as well as cheaper electricity imports from the Southern African Power Pool (SAPP) can be stored in ...

Namibian state owned electricity utility, NamPower, has issued a tender for the engineering, procurement and construction (EPC) of the Omburu Battery Energy Storage System (BESS). The battery energy storage system ...

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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). The projected BESS enables electricity to be stored and dispatched when required.

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 ...

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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 government and the Namibian Government.

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.

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Namibia is expanding its own renewable energy production by hundreds of megawatts in photovoltaics and wind power. This rapid expansion poses a challenge for the Namibian electricity sector. In light of this situation, KfW ...

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