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Namibia Telecom BESS Power Station Specifications

Overview

The BESS station has storage capacity of 58 megawatts. Its design allows for a discharge capacity of 72MWh of energy into the Namibian grid. The BESS is expected to store "locally generated renewable power as well as electricity imported from the (SAPP)". The electricity will be stored at off-peak times, when it is cheaper. The stored energy can then be discharged "during peak times".

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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 ...

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Construction is set to begin between February and March next year, within 18 months. Its lifecycle is pegged at 10 years but can also extend up to 19 years depending on ...

Omburu Battery Energy Storage System (BESS) Project BESS Project Fact Sheet BESS Stakeholder Grievance Mechanism

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.

The project, which is expected to cost around 25 million Euros, will involve the construction of a 54 MW / 54 MWh BESS Plant at the Omburu Substation, located 12 km southeast of Omaruru, Erongo Region.

Surplus electricity from RE generation as well as cheaper electricity imports from the Southern African Power Pool (SAPP) can be stored in the BESS. The stored energy could supply ...

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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]. But why should the ...

Improve grid resilience through ancillary services by mitigating adverse fluctuations of the power output, voltage and frequency from renewable generation sources.

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