Namibia Telecom BESS Power Station Specifications

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, ...

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.

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 Southern African Power Pool (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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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.

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 ...

The project features a 45 MW / 90 MWh BESS facility, representing the country"s largest battery, and is part of the broader Transmission Expansion and Energy Storage (TEES) program. ...

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 world care about ...

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 customers during ...

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

This project involves a 45 Megawatt / 90 Megawatt-hour BESS facility and is officially identified by the reference ISD No: NA-NAMPOWER-519934-CW-RFP. The document was issued ...

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