Namibia Generator Communication BESS Power Station

Use Cases: Voltage and Reactive Power Control The Omburu BESS will be able to assist the grid stabilize voltage by injecting or absorbing reactive power with power electronics.

The BESS station is under development by the Namibia Power Corporation (Pty) Limited, who own the station. The development receives support (financial and technical) from the German State-Owned Investment and Development Bank (KfW). In December 2021, KfW made a grant of EUR20 million towards the development of this project, estimated at 80 percent of total cost. NamPower is expected to contribute about 20 percent of the cost and pay any outstanding taxes not covered by the KfW grant.

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 ...

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The Omburu BESS Project will be developed, owned, and operated by NamPower, where NamPower will appoint an EPC contractor to construct the BESS. The KfW Development Bank will provide EUR 20 million in grant ...

The storage facility will be built at the Omburu substation, an existing grid node in northern Namibia. When the BESS is connected to the grid in early 2026, it will be one of the largest ... The 215kWh battery is a plug ...

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.

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 this project in ...

The shipment, according to the national utility NamPower, arrived on Tuesday at the port of Walvis Bay, and includes eight Power Conversion System (PCS) containers that will convert alternating ...

Located near Omaruru at the Omburu Substation, the system uses advanced Lithium-Ion (LFP) battery technology combined with power conversion, controls, cooling, and protection systems.

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.

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