

Title: Namibia Generator Communication BESS Power Station

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How much will NamPower contribute to the Bess project?

NamPower will contribute approx. 100 million NAD to ensure the total project cost of around 500 m NAD are fully covered. The BESS plant will assist in peak shifting, energy arbitrage, provision of emergency energy, ramp-rate and reactive power control amongst others.

Will Namibia's electricity grid be stabilized?

The Managing Director of NamPower, Mr Kahenge Simson Haulofu, further said that the electricity grid in Namibia will be stabilized as short and medium-term power fluctuations from RE generation can be load-followed by the storage system.

What is the Bess and how will it work?

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'.

When will NamPower EPC plant be operational?

After an elaborate tendering and evaluation process, NamPower signed the EPC contract with Shandong Electrical, Engineering & Equipment Group Co., Ltd and Zhejiang Narada Power Source Co., Ltd JV on 13 December 2023. Construction work is planned for 18 months and the plant is expected to be operational by mid 2025.

The lithium-based BESS will help combat power shortages and reduce the impact of intermittent solar power. Shandong said ...

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 ...

WALVIS BAY, 15 OCT (NAMPA) - The Namibia Power Corporation (NamPower) has reached a major step in its clean energy agenda, with the arrival of the first shipment of ...

The grant funds committed by Germany are earmarked for the construction of a 54 MW / 54 MWh BESS plant that will be situated at the Omburu Substation, located 12 km south ...

# Namibia Generator Communication BESS Power Station

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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 tax...

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 ...

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