

Title: Namibia Communication BESS Power Station Recommendation

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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".

Who won the Bess project?

German development bank KfW, the NPC and NamPower congratulate the EPC contract winning partners, Mr. Benny Jin, Shelmon Chu and Qiao Weijian on the construction of the BESS project worth 500m NAD, which will contribute towards climate change by strengthening the expansion of Renewable Energies in Namibia.

The project will store surplus renewable generation and imported electricity for use during peak periods, reducing dependence on ...

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 ...

By releasing stored energy during evening demand peaks (6-9 PM), Namibia could reduce diesel generation by 70% [4]. The project's 18-month timeline means we'll see results by mid-2025 - ...

Namibia Power Corporation, widely known as NamPower, has taken an important step toward strengthening the country's energy infrastructure by launching the Initial Selection ...

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 ...



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Source: <https://halkidiki-sarti.eu/Sun-15-Sep-2019-6693.html>

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

The project will store surplus renewable generation and imported electricity for use during peak periods, reducing dependence on the local Van Eck coal power plant, enhancing ...

Provide grid stability services to the electricity grid as short- and medium-term power fluctuations from RE generation can be absorbed by the BESS. Given the planned growth of RE, this will ...

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