



Namibia Anti-corrosion Power Plant BESS

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. 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. 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 . Construction work is planned for 18 months and the plant is expected to be operational by mid . The lithium-based BESS will help combat power shortages and reduce the impact of intermittent solar power. Shandong said construction is set to start in February and could ease Namibia's reliance on imported supplies of electricity. The lithium-based BESS will help combat power shortages and reduce the impact of intermittent solar power. Shandong said construction is set to start in February and could ease Namibia's reliance on imported supplies of electricity. By the Namibian government plans to increase the share of renewable energies (RE) in its electricity generation from around 30% to 70%. With a growing share of RE the need for measures to maintain and improve energy supply stability is also growing. A battery storage system such as the KfW Namibia's just made a game-changing move. In December , 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 a nation of 2.5 million people? Wait, no Pictured are Ben Mingeli (NamPower), Taleni Mabakeng (NPC), Zoe Nambahu (NamPower), Kahenge Haulofu (NamPower), Shelmon Chu (SDEE), Ulrike Metzger (German Embassy), Beatrice Lucke (KfW), Benny Jin (SDEE), Qiao Weijian (Narada) and Fred Bailey (NamPower). Germany's KfW Development Bank, the National NamPower, Namibia's state-owned power utility, has signed a contract with a Chinese joint venture to build the first utility-scale battery energy storage system (BESS) in the country and the Southern African region. The contract was awarded to Shandong Electrical, Engineering & Equipment Group Co. BESS can charge during off-peak when energy prices are low and discharge at peak times when energy prices are high. . o Arbitrage only makes sense when the price difference between off-peak and peak times offsets efficiency losses The Omburu BESS will be able to assist the grid stabilize voltage by 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. Engineering, procurement and construction (EPC) contracts were



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signed today (13 OMBURU BATTERY ENERGY STORAGE SYSTEM (BESS) 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 GERMANY SUPPORTS NAMPOWER with 400 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 12km south-east of Omaruru, Erongo Region. Namibia's Energy Storage Breakthrough: The 54MW BESS In December , 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 BESS becomes a reality Germany's KfW Development Bank, the National Planning Commission and NamPower signed a grant agreement for N\$400 million towards the implementation of the first Namibia to build first utility scale battery energy NamPower, Namibia's state-owned power utility, has signed a contract with a Chinese joint venture to build the first utility-scale battery energy storage system (BESS) in the country and the Southern African NamPower Battery Energy Storage System (BESS) Project Improve grid resilience through ancillary services by mitigating adverse fluctuations of the power output, voltage and frequency from renewable generation sources. Namibia: EPC contract signed for first-ever grid 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. Narada, Shandong to build first BESS in NamibiaThe lithium-based BESS will help combat power shortages and reduce the impact of intermittent solar power. Shandong said construction is set to start in February and could ease Namibia's Nampower appoints EPC for 54MW / 54 MWh The KfW funded 54MW / 54 MWh Omburu BESS Project can fulfil a multitude of tasks related to the challenges of the integration of RE and is ideally suited to support the sustainable development of the Namibian Namibia Advances Energy Infrastructure with The primary goal of the Ombuu BESS project is to improve the stability and reliability of Namibia's power grid while supporting the integration of renewable energy sources into the network.OMBURU BATTERY ENERGY STORAGE SYSTEM (BESS) 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 GERMANY SUPPORTS NAMPOWER with 400 MILLION NAD 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 12km south-east of Namibia to build first utility scale battery energy storage system in NamPower, Namibia's state-owned power utility, has signed a contract with a Chinese joint venture to build the first utility-scale battery energy storage system (BESS) in the Namibia: EPC contract signed for first-ever grid-scale BESSKey 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, Narada, Shandong to build first BESS in NamibiaThe lithium-based BESS will help combat power shortages and reduce the impact of intermittent solar



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