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The Solar Energy Development and Electricity Access Project will involve constructing several solar power plants and battery storage units with participation from the private sector. A 30 MW solar power plant will be built near the capital, Bissau. This aims to reduce the average cost of electricity and diversify the energy mix.

Approved by the bank's Board of Executive Directors, the project entails the development of 30 MW of solar parks with battery energy storage systems as well as the enhancement of transmission grid infrastructure in the country. The project will be implemented until June 2030.

battery energy storage systems (BESS) with ~3 GWh and ~4GWh of additional annual demand respectively by 2030. The estimated Africa demands is too little for a dedicated Gigafactory (typically at least ~10-15

GWh) Global & African battery market dynamics Regional markets might be strongly unbalanced by 2035, with large

The government of Guinea-Bissau has received a US\$35 million grant from the World Bank to support the implementation of its US\$88.2 million Solar Energy Scale-Up and Access Project. The project entails the development of 30MW of solar parks with battery energy storage systems (BESS), the enhancement of transmission grid infrastructure and

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The facility will have a battery storage system to provide electricity to the inhabitants of Bissau and surrounding areas after sunset. Sinohydro will also provide a 30kV line to transport the electricity to Br where it will be fed into the national grid via a substation.

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