



# Price of outdoor communication power supply BESS in the Republic of South Africa

How 144MW/ 616mwh Eskom is implementing the Bess project?

Phase 2: 144MW/ 616MWh Eskom has taken the necessary steps to ensure the successful implementation of the BESS project. Through the BESS project, Eskom aspires to diversify the existing generation energy mix by pursuing a low carbon future in order to reduce the impact on the environment.

How does Bess manage peak demand?

BESS manages peak demand by discharging stored energy during high consumption hours, reducing grid strain and the need for costly peak power plants. Eskom gains flexibility in energy resource management through BESS investment. How is BESS maintained/serviced?

What is Eskom Bess?

Through BESS, Eskom aspires to enable the integration of distributed energy resources, and pursuing a low-carbon future to reduce the impact of greenhouse gas emissions on the environment. The 1440 megawatt-hours (MWh) distributed BESS with 360 megawatt (MW) Solar Photovoltaic (PV) represents a giant leap forward in achieving this aspiration.

LG Chem reportedly fast-tracked their modular BESS design, while CATL pushed "cell-to-pack" architectures. This innovation arms race could potentially bring prices below \$200/kWh by 2026.

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