

South Africa Energy Storage Power Project





Overview

Under a 15-year Power Purchase Agreement (PPA) with Eskom, the Oasis projects will leverage advanced battery storage technology to store energy during off-peak periods and distribute it when demand is highest. How much energy storage capacity does South Africa have?

South Africa had 1,604.6kW of capacity in 2022 and this is expected to rise to 3,519.9kW by 2030. Listed below are the five largest energy storage projects by capacity in South Africa, according to GlobalData's power database. GlobalData uses proprietary data and analytics to provide a complete picture of the global energy storage segment.

How will energy storage strengthen the grid capacity in South Africa?

Eskom and the South African government will rely on energy storage to strengthen grid capacity by means of various procurement programmes for diversifying renewables. One is the Risk Mitigation IPP Procurement Program (RMIPPPP) for solar and storage, with Saudi company ACWA Power recently winning a project that includes a 1200MhBESS.

Where will the battery energy storage project be implemented?

The Project will be implemented at approximately 17 sites, located within or adjacent to existing distribution substations of Eskom, across four provinces of South Africa. The Battery Energy Storage Project (Project) provides a solution to address both challenges.

Why should we invest in battery energy storage in South Africa?

We applaud the South African government's commitment and dedication to the renewable energy procurement programmes. Battery energy storage will continue to play an important role in the energy transition, and we will continue to be at the forefront across our core markets," says Scatec CEO Terje Pilskog.



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