

South African energy storage project construction



Overview

Solar parks and grid-scale batteries are set to deliver significant new capacity to South Africa's grid in 2026. Several major renewable energy projects currently under construction will go live this year, according to industry organisation Sapvia. Located in the Northern Cape province, the Hex BESS is the first project to be completed under Eskom's flagship BESS project announced in July 2022 to help alleviate the pressure on the national electricity grid. The BESS project serves as a direct response to meet one of the urgent needs to address South Africa's long-running. EDF Power Solutions formally launched construction, on Monday, for three battery storage projects in South Africa's Northern Cape province, marking the start of its 1,028 megawatt hour (MWh) Oasis 1 portfolio. The sites at Nieuwehoop, Aggeneis, and Mookodi will have a combined capacity of 257. South Africa is aiming to procure utility-scale battery storage with two tender programmes: its Battery Storage IPP Procurement Programme as well as hybrid battery storage and variable renewables projects through its Risk Mitigation IPP Procurement Programme.



Article Content

EDF breaks ground on 1 GWh of South African batteries

The Cape Town-based Power Solutions business of French state-owned energy giant EDF has announced the start of construction of the three BESS awarded to it in the first round of South

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AXIAN Energy Breaks Ground on West Africa's Largest

AXIAN Energy has commenced construction of the NEA Kolda project, a large-scale solar and battery storage facility aimed at advancing Senegal's

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Africa's Largest Battery Energy Storage Project Red Sands Signed Off ...

Developed by Globeleq, which is 30% owned by Norfund, in partnership with African Rainbow Energy, the 153 MW/612 MWh project was signed off in June 2025 in Cape Town. It will be

Utility-scale batteries in South Africa: Improving grid

This project aims to decommission one of South Africa's oldest coal-fired power plants and replace it with 220 MW solar PV and wind power, as well as 150 MW

Big solar and energy storage projects going live across

Several major renewable energy projects currently under construction will go live this year, according to industry organisation Sapvia. Once

France's EDF and Partners Launch Major South African Energy

EDF Power Solutions formally launched construction, on Monday, for three battery storage projects in South Africa's Northern Cape province, marking the start of its 1,028 megawatt hour (MWh) Oasis 1

South Africa: TotalEnergies Launches Construction of a 216 MW Solar ...

Paris, December 15, 2023 – TotalEnergies and its partners are launching construction of a major hybrid renewables project in South Africa, comprising a 216 MW solar plant and a 500 MWh battery storage

Mercury BESS project, South Africa

The Mercury project, which forms part of Bid Window 2 of South Africa's Battery Energy Storage System Independent Power Producer Procurement Programme, will be 76 MW/304 MWh

Battery Energy Storage System

Eskom BESS rollout project is the largest to be implemented in Africa. This is a direct response to the urgent need to address South Africa's long running

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South Africa's Battery Storage Projects Transform Energy

South Africa has reached a major milestone in its renewable energy transition, as three cutting-edge Battery Energy Storage System (BESS)

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Eskom unveils a first of its kind largest battery storage

Eskom officially opened the Hex BESS site at Worcester in the Western Cape yesterday. The Hex BESS is the first project to be completed

Welcome to the National Energy Regulator of South Africa

The National Energy Regulator of South Africa (NERSA) is a regulatory authority established as a juristic person in terms of Section 3 of the National Energy Regulator Act, 2004 (Act

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