

PIENAAR ENERGY (PTY) LTD

South Africa 2 billion energy storage project construction



Overview

The BESS project serves as a direct response to meet one of the urgent needs to address South Africa's long-running electricity crisis by adding more storage capacity to strengthen the grid while diversifying the existing generation energy mix. Updated 1st July 2025 – The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. 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. Minister of Electricity and Energy, Dr Kgosientsho Ramokgopa, has signed two project agreements and the commercial close of two projects appointed as preferred bidders under the first Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP) Bid Window 1. Eskom officially opened the Hex BESS site at Worcester in the Western Cape yesterday. 4-billion in debt financing from Absa and Standard Bank.

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South Africa's largest standalone battery storage project advances to

Africa's largest standalone battery energy storage system (BESS) project, the 153 MW/ 612 MWh Red Sands project in the Northern Cape, has reached financial close, having raised some

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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) projects, collectively known as Oasis, progress ...



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ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled



South Africa Advances in Energy Storage with New Battery Projects

Explore the details of South Africa's new battery energy storage projects under BESIPPPP, set to enhance grid stability and support economic growth with significant job creation ...

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

The project was awarded preferred bidder status under South Africa's Battery Energy Storage Independent Power Producer Programme (BESIPPP) in 2024. It marks a strategic milestone ...



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Scatec wins major battery storage project in South Africa

Norwegian renewable energy company Scatec ASA has been named the preferred bidder for the 123 MW/492 MWh Haru Battery Energy Storage System (BESS) project in South Africa.

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

Paris, Decem- 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 ...



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Eskom unveils a first of its kind largest battery storage project in



Friday, 10 November 2023: Eskom unveiled the first of its kind largest Battery Energy Storage System (BESS) project not only in South Africa but in the African continent. Eskom officially ...

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South Africa: Agreements Signed With Battery Energy Storage Projects

"Both projects, developed by EDF International and their project partners, Mulilo, Gibb-Crede, Pele Green Energy, and a community trust, will be located in the Northern Cape Province and ...

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Scatec wins major battery storage project in South Africa

"Battery storage is critical to the energy transition, and we are committed to driving progress in our core markets." The project builds on Scatec's experience with hybrid solar and ...

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