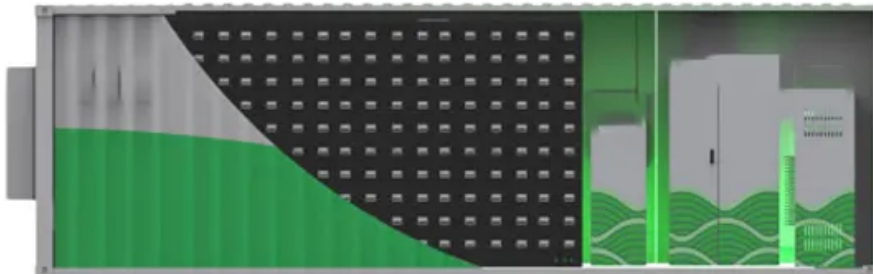


## Global PV Storage Insights

# MW scale storage system project financing options in South Africa 2025



## Overview

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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. 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.

How much does Scatec's battery energy storage project cost?

The estimated total capex for the battery energy storage project is ZAR 2.2 billion (USD 120 million) of which Scatec's EPC contracts account for approximately 80%. The project will be financed by 90% non-recourse project debt and the remaining by equity from the owners.

What is the largest battery energy storage system in Africa?

Unveiled in 2023, thanks to \$195 million from the International Bank for Reconstruction and Development (IBRD) and \$220 million from AfDB, this flagship project represents the largest battery energy storage system (BESS) on the African continent.

Why is Mulilo integrating battery energy storage solutions into its energy framework?

By integrating battery storage solutions into its energy framework, the country aims to address ongoing energy challenges while ensuring long-term security and sustainability. Mulilo and its partners have plans to expand their portfolio of battery energy storage systems, building on the momentum of the Oasis projects.

Does South Africa have a battery storage tender programme?

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.

Why is the South African government using IPP to allocate battery storage?

In 2022, this led to unprecedented load shedding of more than 8 terawatt-hours (TWh), which was a fourfold increase in unmet demand compared with the previous year. As a result, the South African government is using its Independent Power Producer (IPP) Procurement Programmes to allocate firm capacity, including battery storage.

## MW scale storage system project financing options in South Africa 2

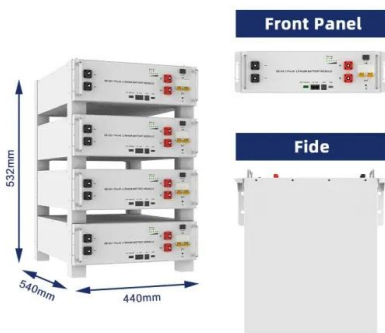


### Scatec secures 846 MW solar projects in South Africa

Scatec, a leading renewable energy company from Norway, has made a significant stride in South Africa's solar energy sector by being awarded preferred bidder status for an impressive 846 MW solar photovoltaic (PV) ...

### ENERGY STORAGE

The Department has launched the third bid round under the Battery Energy Storage Independent Power Producers Procurement Programme (BESIPPPP), calling for 616 MW of new generation capacity will be procured ...



### South African battery storage procurement draws 33 bids

The list of preferred bidders for the third window of South Africa's Battery Energy Storage Independent Power Producers Procurement Program (BESIPPPP) will be announced in February 2025.

### S Africa: EU grant to help develop pumped hydro ...

The development of a major pumped hydro storage project in South Africa has received a major financial boost as the country looks to increase its renewable energy output. The

Tubatse Pumped Storage System has been ...



## South Africa: Scatec amongst winners of 513MW battery tender

A separate solar and storage project Scatec is building in South Africa, awarded to the firm through another procurement. Image: Scatec. Norway-based IPP Scatec has won ...

## South Africa deploys 961 MW of solar in January-October period

However, 495 MW of public utility-scale solar is boiw under construction, with 375 MW expected online in 2024 and 120 MW in early 2026. An additional 880 MW is in ...



## A utility-scale solar farm will feed the grid from 2025

The far-western reaches of Limpopo Province have long been associated with power, more specifically power from coal. As of 2025, Exxaro's 68MW Lephalale Solar Project (LSP) will generate 176 gigawatt hours of clean ...

## South Africa's Hybrid Power Projects and 1.14GWh ...

In South Africa, there's a pressing need to hasten the deployment of utility-scale storage projects. According to recent research, South Africa's energy market is sizable, with power demand reaching 211TWh in ...



## South Africa's Battery Storage Projects Transform ...

South Africa's Oasis projects will deliver 257 MW battery storage, enhancing grid stability and driving renewable energy innovation.

## South Africa: Globeleq closes financing for the largest battery ...

Independent power producer Globeleq, based in Cape Town, and its partner African Rainbow Energy have finalized the financing for the Red Sands project, a 153 MW / ...



## Utility-scale batteries in South Africa: Improving grid stability and

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 battery storage. The ...

## South Africa Selects Preferred Bidders for 616 MW Battery Storage ...

The Department of Mineral Resources and Energy (DMRE) has officially announced the five preferred bidders for South Africa's third Battery Energy Storage ...



### DETAILS AND PACKAGING



- 1 USER MANUAL PDF
- 2 RJ45 Cable For RS485/CAN
- 3 Battery in Parallel Cables
- 4 RJ45 TO USB Monitor Cable
- 5 M8 Terminal\*4

## Scatec wins battery storage project in South Africa

Oslo, 30 May 2025: Scatec ASA has been awarded preferred bidder status for the Haru BESS Battery Energy Storage Project totalling 123 MW/492 MWh in the third bid window of the Battery Energy Storage Independent Power Producer ...

## Africa's largest standalone battery project moves ...

A 153 MW/612 MWh battery energy storage system (BESS) planned for South Africa has taken a step forward with the signing of a supply and long-term service term sheet.



## Scatec awarded battery storage project in South Africa

Scatec will own just over half of the project, which is 90 percent financed by project loans and the remainder by equity from the owners. "Today's award confirms our ...

## Scatec wins battery storage project in South Africa

The third bid window of the Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP) is for a total of 123 MW/492 MWh. Scatec will receive payments under a 15-year agreement for ...



## NOA secures financing for 349 MW solar project in ...

South African independent power producer NOA has reached financial close with Standard Bank on its 349 MW Khauta South Solar PV project near Welkom, Free State. The project will be the country's

## Securing South Africa's energy future: strategies and investments ...

Thanzi Ramukosi explains how South Africa's transition away from fossil fuels to a more sustainable energy mix brings with it compelling opportunities for investors.



48V 100Ah

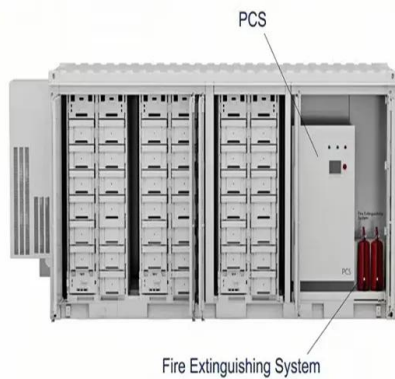


## South Africa Leads in Renewable Energy and Battery ...

For over 16 years, CIF and its partner multilateral development banks have been supporting South Africa to unlock the country's full renewable potential, by bridging high up-front capital costs, reducing risks, and getting ...

## South Africa's Battery Storage Projects Transform ...

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.

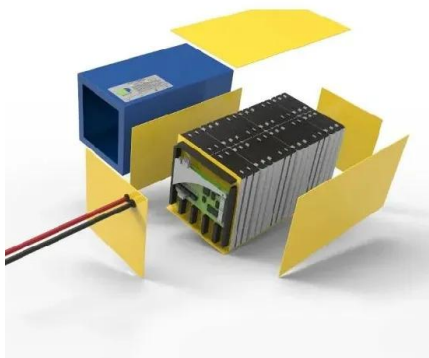


## Battery Energy Storage for Photovoltaic Application in South Africa...

Abstract and Figures Despite the significant slowdown of economic activity in South Africa by virtue of the COVID-19 outbreak, load shedding or scheduled power outages ...

## Battery Energy Storage for Photovoltaic Application in ...

Abstract and Figures Despite the significant slowdown of economic activity in South Africa by virtue of the COVID-19 outbreak, load shedding or scheduled power outages remained at a high level.

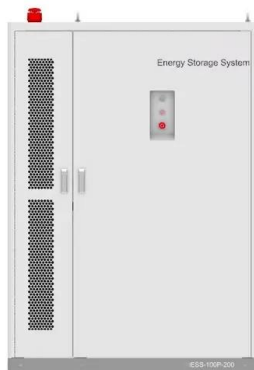


## Scatec wins preferred bidder status for 123-MW BESS project in S Africa

Norwegian renewables firm Scatec ASA (OSL:SCATC) said on Friday it has been selected as preferred bidder for a 123-MW/492-MWh battery energy storage system ...

## Lion Storage Secures Financing for 350 MW/1,400 ...

Earlier this month, Amp Energy, an energy transition platform provider backed by the Carlyle Group, announced the closing of project financing to construct the first stage of its 250 MW/500 MWh Bungama battery energy ...



## Scatec wins battery storage project in South Africa

The estimated total capex for the battery energy storage project is ZAR 2.2 billion (USD 120 million) of which Scatec's EPC contracts account for approximately 80%. The project will be financed by 90% non-recourse project ...

## A utility-scale solar farm will feed the grid from 2025

The far-western reaches of Limpopo Province have long been associated with power, more specifically power from coal. As of 2025, Exxaro's 68MW Lephale Solar Project ...



## Global Solar Council: Africa's Solar Market set to surge 42% in 2025

South Africa (1,108 MW) remains the leader, but installations fell 33% compared to 2023, returning to more typical levels after last year's record-breaking boom. Egypt surged ...

## Scatec Secures Financing for 103 MW Energy ...

Scatec, a renewable energy solutions provider, announced financial closure for the 103 MW/ 412 MWh Mogobe battery energy storage system (BESS) in South Africa. The estimated total capex for the energy ...



## Massive 153 MW Battery Storage Project Secures Funding, ...

Exciting developments are on the horizon for South Africa's energy landscape as the 153 MW/612 MWh Red Sands battery energy storage system (BESS) project reaches a ...

## SOUTH AFRICA Large-scale Renewable Energy

The large-scale renewable energy industry has seen growth in 2024. The total large-scale renewable energy market size in terms of installed capacity in 2024 was 15 GW of renewable ...



## Mobilizing Clean Energy Investments in South Africa:

Overview of South Africa's energy sector  
Increasing investment is urgently needed to develop a reliable clean energy supply in South Africa as the country suffers regular power outages and ...

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