



LLSE CONTAINERS

# The first solar energy storage project in Johannesburg South Africa





## Overview

---

Where is South Africa's largest solar power plant located?

The 100MW Redstone concentrated solar thermal power plant is located in the Northern Cape province of South Africa and is the country's largest of its kind. The project employs tower solar thermal technology with a total mirror area exceeding 1 million square meters.

What is Redstone solar thermal power project?

Rendering of Redstone Solar Thermal Power Project Northern Cape, South Africa. The first of its kind in Africa, the Redstone Solar Thermal Power Project features molten salt energy storage technology in a tower configuration with the capability to support South Africa's demand for energy when it's needed most – day and night.

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.

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.



## The first solar energy storage project in Johannesburg South Africa



### [South Africa Leads in Renewable Energy and ...](#)

Jan 13, 2025 · In answer, South Africa has launched a series of trailblazing green projects designed to tap its abundance of renewable energy ...

### [POWERCHINA committed to developing new energy in South Africa](#)

An aerial view of the Redstone concentrated solar thermal power plant. With the 15th BRICS Summit of leaders held in Johannesburg, South Africa on August 23, the world's attention was ...



### [Envision to supply battery storage for EDF's](#)

Dec 17, 2024 · Envision Energy has been contracted to supply battery storage for EDF Group's three-project Oasis 1 portfolio in South Africa.



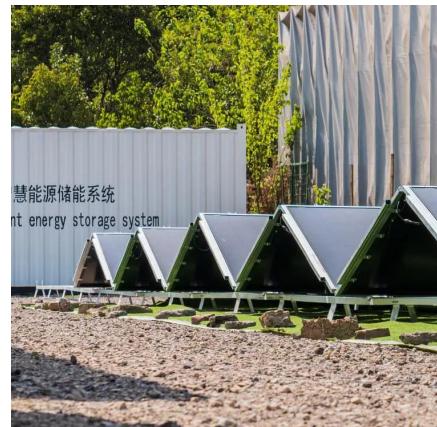
### [POWERCHINA committed to developing new energy in ...](#)

An aerial view of the Redstone concentrated solar thermal power plant. With the 15th BRICS Summit of leaders held in Johannesburg, South Africa on August 23, the world's attention was ...



### [South Africa's Battery Storage Projects ...](#)

Nov 24, 2024 · South Africa's Oasis projects will deliver 257 MW battery storage, enhancing grid stability and driving renewable energy innovation.



### [Africa: Demand up for solar coupled with energy storage ...](#)

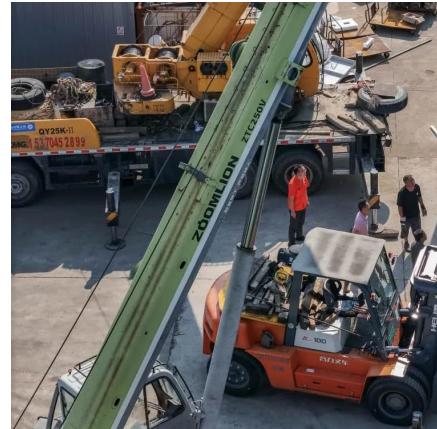
Feb 12, 2025 · The report noted that JA Solar, a global leader in the PV industry, recently launched its first shipment of energy storage systems to Africa. The "BluePlanet" liquid-cooled

...



### Envision to supply battery storage for EDF's

Dec 17, 2024 · Envision Energy has been contracted to supply battery storage for EDF Group's three-project Oasis 1 portfolio in South Africa.



### Sungrow to Supply EDF Renewables on South Africa's First ...

Dec 4, 2023 · Johannesburg, South Africa, Dec 5, 2023 - Sungrow, the global leading PV inverter and energy storage system supplier, signed a supply agreement with French renewable ...



### Africa: Demand up for solar coupled with ...

Feb 12, 2025 · The report noted that JA Solar, a global leader in the PV industry, recently launched its first shipment of energy storage systems to ...



## [South Africa's Battery Storage Projects Transform Energy](#)

Nov 24, 2024 · South Africa's Oasis projects will deliver 257 MW battery storage, enhancing grid stability and driving renewable energy innovation.



## [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

...



## **Contact Us**

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.llsolarenergy.co.za>



**Scan QR Code for More Information**



<https://www.llsolarenergy.co.za>