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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.



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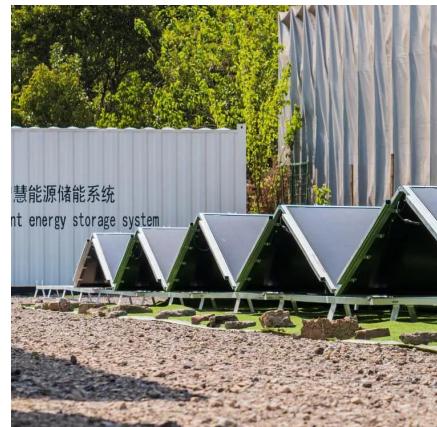
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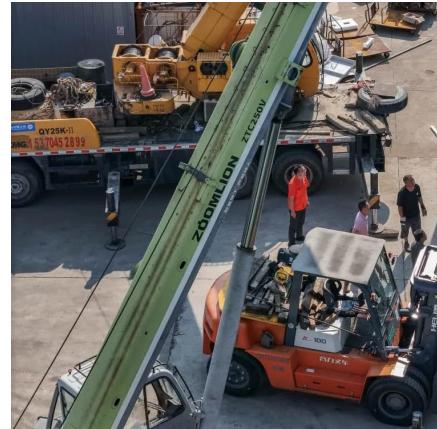
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