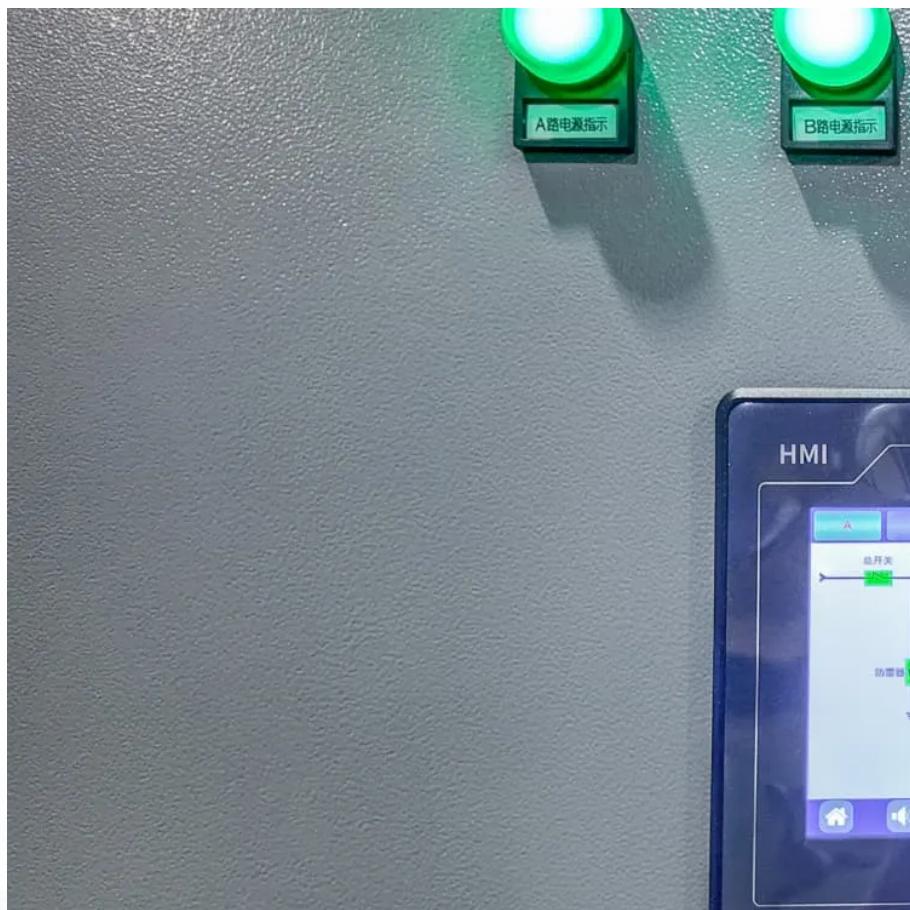




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# South African Magnesium Energy Storage Project





## Overview

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How many battery energy storage projects are there in South Africa?

A total of five projects were awarded under South Africa's Battery Energy Storage Procurement Program by the country's Department of Mineral Resources and Energy in March 2023. The projects make up a 513 MW tender and are poised to provide capacity, energy, and ancillary services throughout South Africa.

How will the battery energy storage initiative impact South Africa?

The battery energy storage initiative will significantly enhance South Africa's power infrastructure, alleviating grid congestion and increasing renewable energy integration. It aims to aid South Africa's low-carbon energy transition and achieve carbon neutrality by 2050 through energy arbitrage and ancillary services.

Does Scatec have a solar-plus-storage site in South Africa?

Scatec's Kenhardt solar-plus-storage site in South Africa (above), which went online at the end of 2023. Image: Scatec. Africa's energy storage market has seen a boom since 2017, having risen from just 31MWh to 1,600MWh in 2024, according to trade body AFSIA Solar's latest report.

What will South Africa's oasis projects deliver?

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



## South African Magnesium Energy Storage Project



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