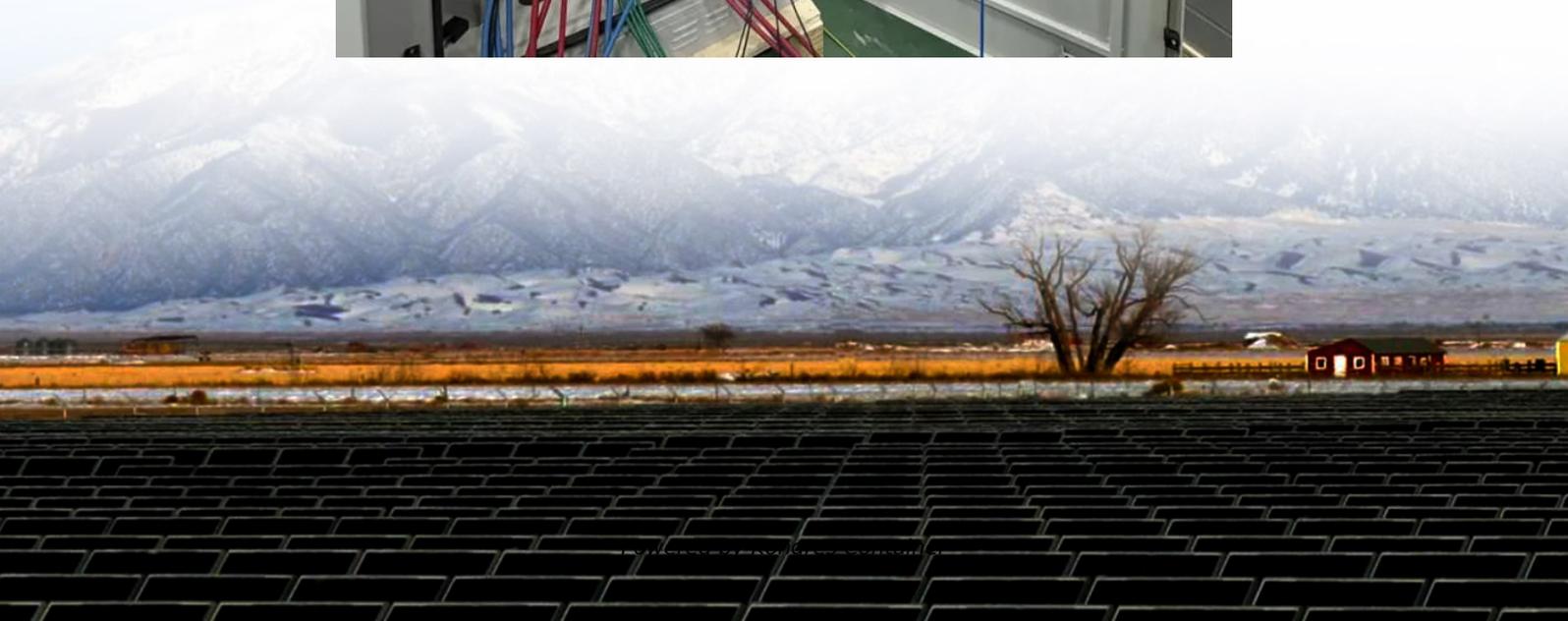


Kongres Container

Pretoria Hybrid Compression Energy Storage Project



Overview

This first grid-scale private sector energy storage programme in South Africa was launched on 7 March 2023, and is a critical measure to assist in increasing the available grid capacity in the Northern Cape Supply Area through the utilisation of energy storage.

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What is a grid-scale energy storage programme in South Africa?

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According to the report, Scatec, a Norwegian renewable energy company, has unveiled the Kenhardt solar farm in the Northern Cape, boasting a capacity of 540 MW. This project, featuring 225 MW of battery storage and a total storage capacity of 1.1 GWh, ranks among the largest hybrid power.

Max 730 Equivalent number of cycles/annum; Minimum Availability of 95% over 8760 hours per contract year, to be confirmed. Requirement as it will be dealt with via the penalty regime for non-availability; The Facility would be expected to provide Instantaneous Reserves, Regulating Reserves, Ten.

The South African authorities awarded project agreements to two wind-solar-storage hybrid projects that were selected in a 2 GW tech-neutral tender held under the Risk Mitigation Independent Power Producers Procurement Programme (RMIPPPP) in 2021. Image: Gransolar. At the end of August, the South.

Eskom confirmed the award of contracts for the provision of battery storage solutions in terms of its flagship BESS project in July 2022. The contracts were

awarded to Hyosung Heavy Industries, of South Korea, and the Pinggao Group, of China. The contracts are the first part of the 500 MW BESS.

used a range of incentive policies. For example, the "Action Plan for Standardization Enhancement of Energy Carbon Emission Peak and Carbon Neutrality" issued by the NEA on September 20, 2022, emphasizes the acceleration of the resources to meet peak energy needs. Battery storage is an essential.

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