

Bloemfontein has built a shared solar container power station. Combining 450MW solar capacity with 1,200MWh battery storage, this hybrid system could power 300,000 homes during peak demand.

Pre-fabricated containerized solutions now account for approximately 35% of all new utility-scale storage deployments worldwide. North America leads with 40% market share, driven by streamlined ...

The 1 440MWh distributed BESS with 60MW Solar PV represents a giant leap forward in achieving this aspiration, as it will be one of the largest BESS projects to be developed and implemented in South ...

A remote Alaskan community keeps lights on during -40°F winters using solar panels, wind turbines, and a hybrid inverter energy storage system for microgrids with 10-year warranty.

Discover the latest solar farm developments near Bloemfontein and their benefits for the region's future. Learn more today!

The Engie-Pele Consortium is responsible for developing the Grootspuit and the Sannaspos solar PV projects in the Free State, and they will also build the Graspan solar PV project in the Northern Cape.

Discover how the Bloemfontein Large Energy Storage Battery is transforming energy management across industries. This article explores its applications, technical advantages, and real-world impact ...

Local startup VoltRevive is repurposing used electric vehicle batteries from Europe to create neighborhood-scale storage systems. These microgrids already provide 24/7 power to 12 township ...

The Brechin Castle Solar Ltd, a joint venture partnership between bp (35 per cent), Shell (35 per cent) and NGC (30 per cent), has achieved first electrons from the nation's first utility-scale ...

The Bokpoort concentrated solar power (CSP) project in the Northern Cape is one of the few CSP projects that use heat exchanger as a diffusion medium for the energy stored inside the molten salt.

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