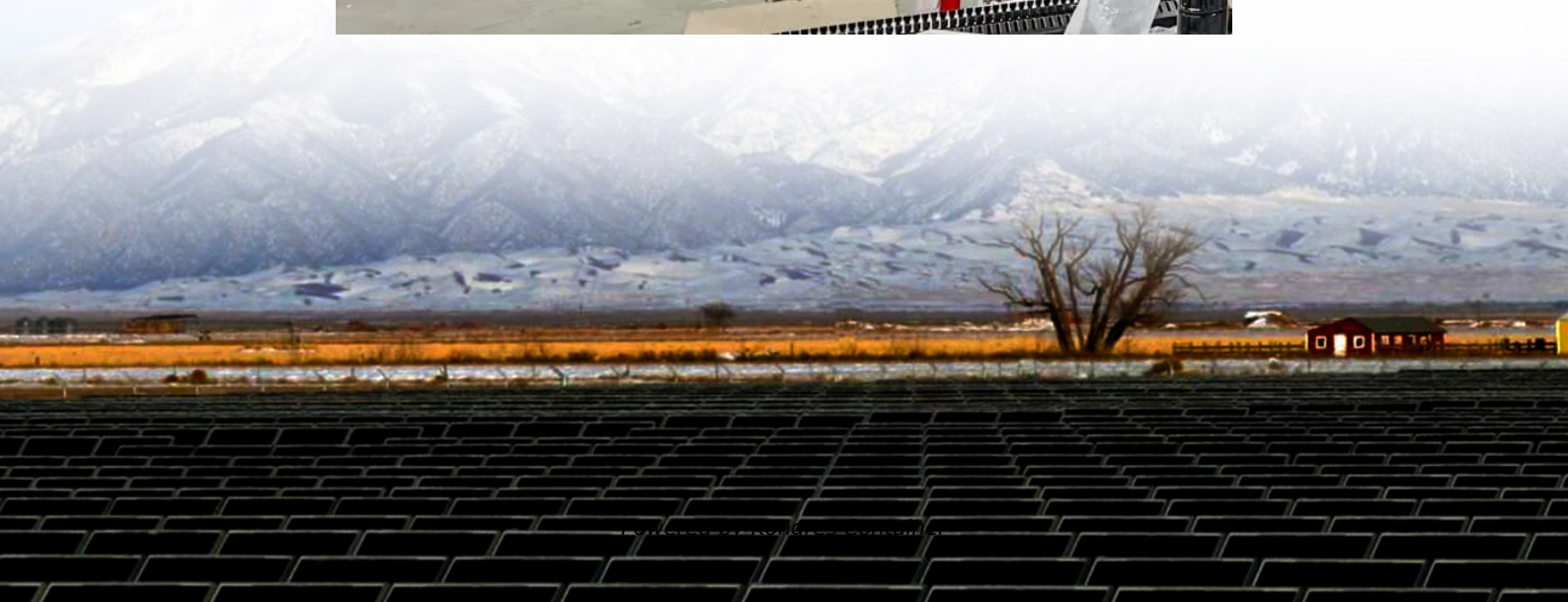


Kongres Container

Lesotho s largest energy storage power station



Overview

"The Mafeteng storage facility represents Africa's first high-altitude battery storage system designed specifically for wind energy stabilization." - African Energy Journal, 2023
Can Lesotho produce 450 MW of hydropower?

According to Lesotho's Department of Energy, Lesotho could potentially produce 450 MW in hydropower and several hundred more with wind power. However, only 17 percent of this potential is being exploited, 96 percent of it at the 'Muela hydro-power plant and the rest from mini hydro-power plants at Mants'onyane, Mokhotlong, Tsoelike, and Semonkong.

Who is constructing a solar power plant in Lesotho?

The government has also engaged China Sinoma International Engineering and TBEA Xinjiang New Energy to construct solar power plant that will produce 70 MW. Lesotho Electricity and Water Authority (LEWA) Lesotho Electricity Company (LEC) Lesotho Highlands Development Authority (LHDA).

Can Lesotho export wind power?

Breeze Power, a company owned jointly by GOKL and Harrison & White Investments, is investigating twelve sites for wind power generation. Energy demand is growing in South Africa and the rest of the region, and Lesotho has the potential to export renewable power.

Will Lesotho achieve a 75 percent electrification rate by 2022?

The government has not achieved its goal of increasing the electrification rate to 75 percent of households by 2022. Lesotho has identified hydropower, wind generation, and solar power as potential renewable energy sources to help reach these targets and are proactively seeking development partners and investors to help it achieve this goal.

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