

Introduction. Large scale renewable projects are becoming a point of interest for investment in Mozambique, specifically solar and hydro. Mozambique's main body to promote renewable energy access, FUNAE, expects that the capacity ...

Solid-solid PCMs, as promising alternatives to solid-liquid PCMs, are gaining much attention toward practical thermal-energy storage (TES) owing to their inimitable ...

The US\$36 million Cuamba Solar plant is also Globeleq's first greenfield project in Mozambique and the Group's first combined solar and storage plant in its operating portfolio. It supplies clean energy to EDM through a 25-year power ...

Hybrid energy storage is an interesting trend in energy storage technology. In this paper, we propose a hybrid solid gravity energy storage system (HGES), which realizes the ...

It added that the project is aligned with Mozambique's strategy to increase energy availability in a sustainable manner and promote new energy investments in the private sector. Construction started on the first solar-plus ...

To enable off-sun drying, heat storage must be integrated. Thus, the main objective of this project is to develop inexpensive, effective, and reliable solar dryer integrated with thermal energy-storage system made of locally abundant ...

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