

# **Mozambique solar Cascade Energy Storage Project**





## Overview

---

Developed by EleQtra, the project will install a total of 14 MW of solar power capacity combined with a 40 MWh battery storage system spread across three strategic sites. When did Globeleq & Mozambique launch a solar power plant?

Our solar power plant in Cuamba was inaugurated in September of 2023. It marked another milestone for Globeleq and Mozambique, as it was the first IPP to integrate a utility-scale energy storage system.

Is battery storage a key technology for Mozambique's future?

Globeleq sees battery storage as a key technology for Mozambique's future. Storage costs are expected to continue decreasing, so those systems will become more competitive and will be able to contribute more.

Why should Mozambique be a regional power supplier?

First, to ensure that Mozambique has reliable and cost-effective power generation capable of meeting its 2030 electrification goals. Second, to establish Mozambique as a regional power supplier of choice. South Africa has a critical shortage of electricity, and Zambia and Zimbabwe also require power.

Should Mozambique export electricity?

One of the big challenges of Mozambique is its size and shape, which make the transportation of electrons across the country quite expensive. Exporting electricity would bring foreign currency that can support investments in domestic transmission and distribution infrastructure.



## Mozambique solar Cascade Energy Storage Project

---



### [Mozambique solar energy storage power generation ...](#)

Mozambique solar energy storage power generation manufacturer Where is a new energy storage system located in Mozambique? The US\$32 million project is located in the Teterane District ...

### [Ncondezi Energy signed the 300 MW solar ...](#)

Jan 11, 2023 · African power development company Ncondezi Energy signed a land agreement for its 300 MW solar photovoltaic project in Tete, ...



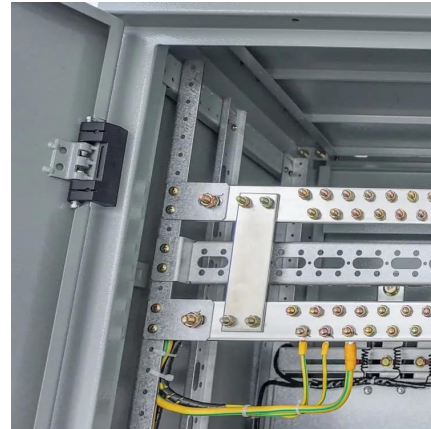
### [Mozambique Opens Solar-Storage Minigrid Tender](#)

Mozambique's Energy Regulatory Authority (ARENE) has launched a tender for the development of hybrid minigrids that integrate solar power and battery energy storage systems (BESS). The ...



### [Mozambique energy storage project](#)

GLOBELEC'S FIRST COMBINED SOLAR & BATTERY STORAGE On 14 September 2020, H.E. Filipe Nyusi, President of the Republic of Mozambique, Hon. Carlos Zacarias, the Minister of ...



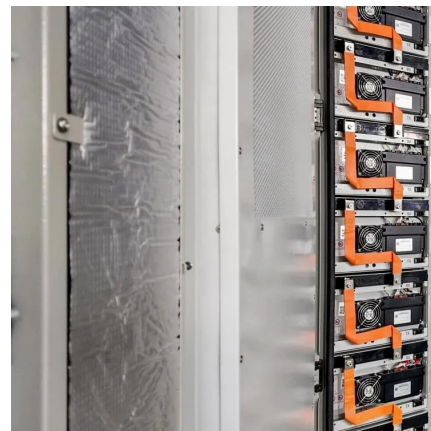
### [Mozambique's first solar project including ...](#)

Dec 22, 2021 · Republic of Mozambique's Minister of Mineral Resources and Energy Ernesto Max Tonela ceremonially laid the first PV module in June. ...



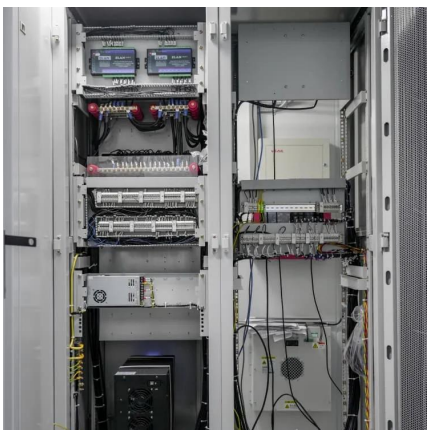
### [Revealing electricity conversion mechanism of a cascade ...](#)

Jun 27, 2024 · Deploying pump stations between adjacent cascade hydropower plants to form a cascade energy storage system (CESS) is a promising way to accommodate large-scale ...



### [Mozambique Seeks IPPs for 3MW Solar Mini-Grid Projects](#)

May 8, 2025 · The project, backed by the German government through KfW Development Bank, targets the deployment of solar-powered mini-grids with integrated battery energy storage ...







### [Cascade Energy Storage Project to Provide Capacity and Reliability](#)

Nov 24, 2020 · The Cascade Energy Storage Project joins Broad Reach Power's rapidly growing portfolio of battery assets in Texas, where Broad Reach is the leading owner of standalone ...



### [Mozambique: Solar, battery energy storage plant kicks into ...](#)

Nov 3, 2023 · Commercial operations at the 19MWp Cuamba Solar PV and 7MWh battery energy storage plant in Mozambique are officially underway. The plant supplies clean energy to ...

### [Mozambique opens tender for solar-plus ...](#)

Jul 3, 2024 · Mozambique's energy regulator has launched a tender for solar-plus-storage hybrid projects across several provinces. The deadline for ...



### [Mozambique's first solar project including grid](#)

Dec 22, 2021 · Republic of Mozambique's Minister of Mineral Resources and Energy Ernesto Max Tonela ceremonially laid the first PV module in June. Image: EDM. Africa-based independent ...



### [Mozambique opens solar-storage minigrid tender](#)

May 21, 2025 · Mozambique is seeking two to four minigrid developers to build, own and operate solar minigrids with accompanying battery energy storage.

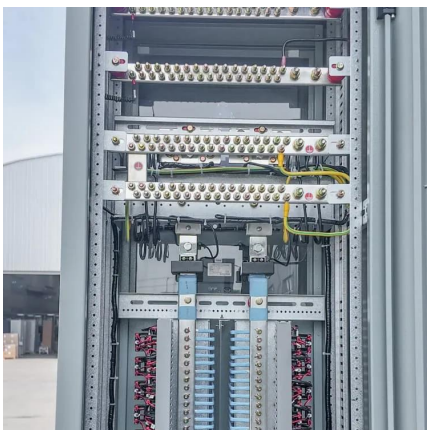


### [Mozambique photovoltaic energy storage project](#)

Mozambique's first solar plus storage IPP project breaks ground African focused renewable energy independent power producer, Globeleq, and its project partners, Source Energia and ...

### [Mozambique project proposes energy storage](#)

The solar-plus-storage project proposal comes a year after construction started on Mozambique's first. Image: Diego Delso, CC BY-SA 4.0. Power project developer Ncondezi Energy has ...



### [Mozambique: Solar, battery energy storage ...](#)

Nov 3, 2023 · Commercial operations at the 19MWp Cuamba Solar PV and 7MWh battery energy storage plant in Mozambique are officially ...



### [Game-changing generation assets for Mozambique](#)

Oct 10, 2024 · Our solar power plant in Cuamba was inaugurated in September of 2023. It marked another milestone for Globeleq and Mozambique, as it was the first IPP to integrate a utility ...



### [Mozambique solar energy: Impressive 14 MW Project ...](#)

2 days ago · In summary, this 14 MW solar and 40 MWh battery storage project is a concrete step forward for Mozambique. It enhances electricity reliability, supports economic expansion, and ...

### [Globeleq completes acquisition of 41MW ...](#)

Jan 2, 2024 · In November 2023, the company commissioned a 19MW solar project in Cuamba, alongside a 2MW/7MWh energy storage plant, ...



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.llsolarenergy.co.za>



## Scan QR Code for More Information



<https://www.lsolarenergy.co.za>