

## SolarTech Power Solutions

# Zambia Off-Grid Energy Storage Power Station



## Overview

---

Turkey's YEO is partnering with Zambian sustainable energy company GEI Power to develop a 60 MW/20 MWh solar plant with battery storage in Choma district, southern Zambia. The facility has been touted as Zambia's first solar plant with battery storage.

Turkey's YEO is partnering with Zambian sustainable energy company GEI Power to develop a 60 MW/20 MWh solar plant with battery storage in Choma district, southern Zambia. The facility has been touted as Zambia's first solar plant with battery storage.

LUSAKA, April 1, 2025 – Access to electricity in Zambia has risen from 30% in 2017 to currently nearly 50%. Whilst half of the population is connected, the remaining half will require new energy solutions. Zambia currently relies on hydropower for 80% its electricity generation, but recent droughts.

Monthly distribution of PV production in Zambia The German Energy Solutions Initiative, coordinated and financed by the German Federal Ministry for Economic Affairs and Climate Action (BMWK), aims to globalise German and European technologies and expertise in climate-friendly energy solutions.

Zambia is ramping up its renewable energy project pipeline – with at least two major solar projects set to be commissioned this year alongside smaller capacity facilities and another significant plant set for launch in 2026. The Zambia Electricity Supply Corporation (ZESCO) reported recently that.

The project, said to be the largest grid-connected solar facility in Zambia and the biggest of its kind in sub-Saharan Africa excepting South Africa, cost \$100 million and is now ready to be commissioned. Every day, we handpick the biggest stories, skip the noise, and bring you a fun digest you can.

Let's face it: Zambia's energy sector has been playing a game of "catch-up" for years. With hydropower supplying over 80% of its electricity and climate change shrinking water levels faster than a puddle in the Kalahari sun, the need for Zambia energy storage power station solutions isn't just.

June 25, 2025 – Deep in Southern Zambia, the town of Choma is now home to a groundbreaking clean energy project. The newly inaugurated Choma Solar plant, combining 60 MW of solar capacity with 20 MWh of battery storage, marks . June 25, 2025 – Deep in Southern Zambia, the town of Choma is now home.

## Zambia Off-Grid Energy Storage Power Station

---

### Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://zegrzynek.pl>