

# New energy storage project in Sierra Leone



## Overview

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The project, financed by the World Bank and implemented by UNOPS, took about 20 months to complete, followed by one year of operations and maintenance support to ensure smooth running of the system. The new energy facility combines solar power, battery storage, and a backup diesel. A renewable energy company, JIVO Energy, has completed the installation of Sierra Leone's first hybrid off-grid energy system to power the Moyamba Town Mini-Grid, bringing reliable electricity to the community for the first time through a fully independent power solution. The initiative will deliver sustainable, affordable energy and create opportunities for all across the nation. How can Sierra Leone improve its low electricity access rate?

Sierra Leone is taking significant steps to. State House, Freetown, Thursday, 5 June 2025 - In a landmark step toward sustainable development and inclusive energy access, His Excellency President Dr. Julius Maada Bio is set to officially launch the Salone Off-grid Renewable Energy Acceleration Initiative (SOGREA), a €34 million (approximately). AXIAN Energy has received nearly US\$1 million in grant funding from the Norwegian Agency for Development Cooperation (NORAD) to fast-track early-stage development of its renewable energy pipeline across Africa. Announced in January 2026, the grant targets projects in Zambia, Madagascar, Mozambique. Summary: This article explores the growing potential of energy storage solutions in Sierra Leone, analyzing market needs, technological options, and implementation strategies.

## New energy storage project in Sierra Leone



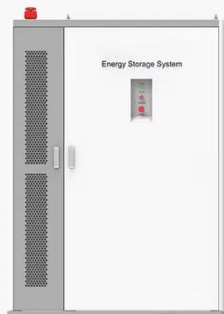
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### Sierra Leone Cold Storage Goes Solar

Solar-powered cold storage in Sierra Leone tackles energy reliability, supporting local healthcare and food preservation with an innovative 18.04 kWp renewable energy system.

**PRODUCT INFORMATION**



-  BATTERY CAPACITY  
50kWh-500kWh
-  DC VOLTAGE RANGE  
400V-1000V
-  DEGREE OF PROTECTION  
IP54
-  OPERATING TEMPERATURE RANGE  
-10-50°C



### AXIAN Energy secures US\$1 Million NORAD grant to accelerate ...

The funding will support early-stage development in Zambia, Madagascar, Mozambique and Sierra Leone. Grant aims to reduce project risks and improve bankability for future financing. ...

## 250605 Sierra Leone launches solar mini-grid energy project

This landmark initiative, funded by the European Union and implemented by UNOPS and its hosted entity, Sustainable Energy for All (SEforALL), is a significant stride toward Sierra Leone's goal of ...



## Sierra Leone's President Julius Maada Bio To Launch 830 Million New

SOGREA aims to increase energy access in rural communities across the country by 2027, deploying at least 5.2 megawatts peak (MWp) of solar generation capacity through the ...

## Sierra Leone Organic Photovoltaic Energy Storage Project

About Sierra Leone Organic Photovoltaic Energy Storage Project This landmark initiative, funded by the European Union and implemented by UNOPS and its hosted entity, Sustainable Energy for All ...



## Sierra Leone Energy Storage Project for Industry and



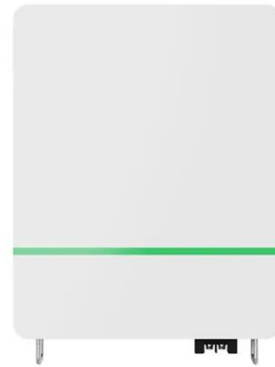
## Commerce: ...

Summary: This article explores Sierra Leone's emerging energy storage initiatives for industrial and commercial sectors, focusing on renewable integration, cost-saving opportunities, and EK SOLAR's ...

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## JIVO Energy installs Sierra Leone's first hybrid off-grid mini-grid in

A renewable energy company, JIVO Energy, has completed the installation of Sierra Leone's first hybrid off-grid energy system to power the Moyamba Town Mini-Grid, bringing reliable ...



## New energy storage project in Sierra Leone

How will the response project transform Sierra Leone's energy landscape?The RESPITE project is poised to transform Sierra Leone's energy landscape. Currently, only about 20% of the population ...

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## Building Energy Storage Power Stations in Sierra Leone: ...

Summary: This article explores the growing potential of energy storage solutions in Sierra Leone, analyzing market needs, technological options, and implementation strategies.



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