



# Solar power generation in Sierra Leone





## Overview

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These initiatives, driven by the country's Presidential Initiative on Climate Change, Renewable Energy & Food Security (PI-CREF), include a major hydropower and solar PV project. A new SLE 830 million (EUR 34mMillion) initiative funded by the European Union will further advance Sierra Leone's vision of access to sustainable energy. Freetown, 5th June 2025: In a. Sierra Leone is set to significantly boost its solar power capacity by importing \$10 million worth of solar panels from China. The Sierra Leone Import and Export Promotion Agency announced the deal, a critical step toward addressing the nation's energy challenges. Julius Maada Bio is set to officially launch the Salone Off-grid Renewable Energy Acceleration Initiative (SOGREA), a €34 million (approximately. urity, developing human capital, and creating jobs. The plan is anchored on five key pillars, supported by enabling factors such as gover ance, climate re ♦s demographic dividend and blue economy potential. The country ranks 178 out of 186 countries on the Global Human Development Index, which was as low as 0. 452 obtained in 2019 before the covid-19 pandemic.



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### [Hydropower and Solar Energy Projects for Sierra Leone](#)

Sierra Leone commits to renewable energy projects to boost electricity access, focusing on hydropower and solar initiatives.

### [Sierra Leone solar energy: 61% Capacity Boost. Amazing Power](#)

Sierra Leone tackles its energy crisis with a \$10M import of Chinese solar panels, set to boost national solar capacity by 61%. Learn how this move impacts homes and businesses.



### [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 ...



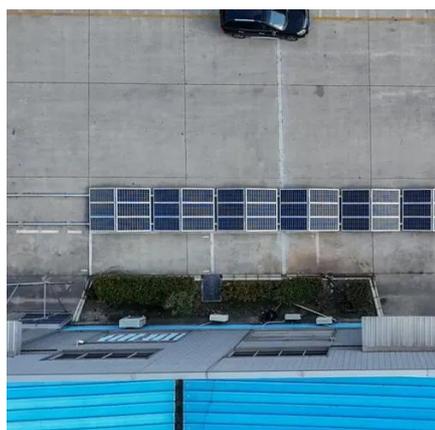
### [Sierra Leone's Salone solar mini grids initiative](#)

Sierra Leone's president Julius Maada Bio has launched a new solar mini grid power initiative as part of efforts to green its energy sector and bring more electricity to previously ...



### [JIVO Energy Commissions Sierra Leone's First Hybrid Off-Grid Power](#)

JIVO Energy has successfully completed the installation and commissioning of Sierra Leone's first hybrid off-grid energy system, delivering reliable electricity to the Moyamba Town Mini ...



### **SOLAR project fact sheet**

The Solar Power Hub Project is developed to address the livelihood and energy challenges experienced by over 360 households within the Mendekelma community and four other catchment communities ...



### [Africell launches major solar energy project in Sierra Leone](#)

In the Gambia and Sierra Leone, for example, Africell has invested in a growing number of solar powered cellular sites. These sites are much more efficient than diesel-powered sites, generating ...



### [Sierra Leone Launches EUR34M Solar Mini-Grid Project to Power 60 ...](#)



In addition to providing energy access, the project is set to stimulate private sector investment through a public-private partnership (PPP) model, boosting Sierra Leone's credentials as ...



### [Renewable energy investment factsheet: Sierra Leone](#)

Public-Private Partnerships (PPPs) promoted large-scale renewable energy projects. Of-grid programs developed, including mini-grids, to expand electricity access in rural areas. Results-Based 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 ...





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