

Global Energy Interconnection Sierra Leone



Overview

The CLSG Interconnection Project, which connects Côte d'Ivoire, Liberia, Sierra Leone, and Guinea, is a major step toward integrating with the West African Power Pool (WAPP), improving cross-border electricity trade and grid stability. The government restructured the sector in 2015, unbundling the National Power Authority into the Electricity Generation and Transmission Company (EGTC) and the Electricity Distribution and Supply Authority (EDSA), under the regulatory oversight of the Electricity and Water Regulatory Commission. Sierra Leone has attracted world class companies in the renewable energy sector including: SLIEPA LOCAL CONSULTANT TO ADD COMPANY LOGOS OF EXISITING FOREIGN INVESTORS: Sierra Leone has good access to natural resources necessary for energy production such as access to viable wind speeds and sunshine. Sierra Leone has high rainfall (2,500mm/year) for hydro, viable wind speeds, and strong solar exposure—ideal for renewables. The workforce is vibrant, youthful, and. 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. The initiative will deliver sustainable, affordable energy and create opportunities for all across the nation. Freetown, 5th June 2025: In a. Published in October 2025, this map provides a detailed view of the power sector in Sierra Leone. The locations of power generation facilities that are operating, under construction or planned are shown by type - including liquid fuels, natural gas, hybrid, hybrid and battery, hydroelectricity. Government has unveiled a NLe951. The financing, presented to parliament last week by Finance Minister Sheku.



Article Content

Energy – National Investment Board

Sierra Leone completed power interconnection with Côte d'Ivoire, Liberia, and Guinea, opening access to the West Africa Power Pool. The workforce is vibrant, youthful, and expected to exceed 3 million

Long-Term Forecast of Sierra Leone's Energy Supply and Demand

Sierra Leone is suffering from a persistent electricity gap that has crippled its economic growth and prevented it from attaining several health and education development goals. This

Renewable energy investment factsheet: Sierra Leone

4. Investment prospects Investing in Sierra Leone offers a unique opportunity to tap into a rapidly growing renewable energy market with vast untapped potential. With an electrification rate of just

Côte d'Ivoire-Liberia-Sierra Leone-Guinea (CLSG) Interconnection

The CLSG Interconnection Project was established to provide additional electricity to meet the growing demand and to create an incentive for the development of hydroelectric power, particularly in Liberia

Sierra Leone's Infrastructure Revolution: Building West Africa's Next ...

With substantial investments supported by the African Development Bank Group and other partners, the country's energy transformation— upgrading transmission networks, connecting rural

250605 Sierra Leone launches solar mini-grid energy project

Sierra Leone currently has one of the lowest energy access rates globally, with only 36% of its population connected to the grid and a mere 6% in rural areas. The SOGREAH Initiative supports the

Powering progress: Supporting Sierra Leone's green energy

This targeted grant support is a wise investment that will help Sierra Leone develop a resilient, decentralized and clean energy future for its citizens,” said Ambassador Jacek Jankowski,

Sierra Leone Approves New Cement Prices as Global Market

The Government of Sierra Leone has announced a fresh round of regulated cement prices, with the Ministry of Trade and Industry citing relentless pressure from global energy markets,

Global Energy Alliance to boost energy access and reduce emissions

Sierra Leone Telegraph: 9 November 2022: Since its launch at COP26, the Global Energy Alliance for People and Planet (GEAPP) has accelerated clean energy solutions to support economic

APO Group

KENEMA, Sierra Leone, December 24, 2021/APO Group/ -- His Excellency President Dr Julius Maada Bio has officially switched on the Côte d'Ivoire-Liberia-Sierra Leone-Guinea, CLSG,

World Bank Document

Sierra Leone ranks 160th on the ND-GAIN vulnerability score⁴. 9. One of the major binding constraints to growth and poverty reduction in Sierra Leone is lack of reliable and affordable energy

Powering Africa: The Transformational Impact of Regional Energy ...

These projects collectively enhance electricity access, address current energy challenges and future growth prospects, and promote the regional electricity market in West Africa.

Sierra Leone's power infrastructure – revised October 2025

Power generation data was drawn from our African Energy Live Data platform, which contains project level detail on power plants and projects across Africa. The map is presented as a

Power infrastructure in Guinea, Sierra Leone and Liberia – revised 2016

Revised in August 2016, this map provides an overview of the power sector in Guinea, Sierra Leone and Liberia, illustrating the region's hydroelectric power potential. The locations of actual and planned

Multinational

This project, which would greatly facilitate the power exchanges among the countries in the West African sub-region, is known as the Côte d'Ivoire – Liberia – Sierra Leone – Guinea (CLSG) Interconnection

West African power interconnections | African Energy

Published April 2024, this map illustrates West Africa power interconnections across Liberia, Guinea, Sierra Leone, Guinea Bissau, Gambia and Senegal. The map shows the OMVG

CLSG INTERCONNECTION

The project consists of a 1350 km 225 kV transmission line to interconnect the West African countries of Côte d'Ivoire, Liberia, Sierra Leone and Guinea. Its purpose is to improve the

Côte d'Ivoire-Liberia-Sierra Leone-Guinea (CLSG ...

The CLSG countries are Côte d'Ivoire, Liberia, Sierra Leone and Guinea. West Africa suffers from very low levels of access to electricity and the project's goal is to balance regional energy generation

GLOBAL ENERGY INTERCONNECTION BASED OPTIMAL POWER

Global Energy Interconnection Sierra Leone The CLSG Interconnection Project, which connects Côte d'Ivoire, Liberia, Sierra Leone, and Guinea, is a major step toward integrating with the West African

Sierra Leone

Together, these sub-sectors form the backbone of Sierra Leone's evolving energy landscape, offering significant opportunities for investment, innovation, and policy engagement.

Increasing Energy Access in Sierra Leone (Executive Summary)

While Sierra Leone does not have a rural electrification master plan, its off-grid electrification strategies are broadly defined in its various energy policy documents, including the Electricity Sector Reform

Global Consortium Fuels Billion-Leone Energy Surge in 2026 Budget

FREETOWN, Sierra Leone, December 3, 2025 Government has unveiled a NLe951.7 million capital injection into the country's energy sector, a centrepiece of the 2026 budget designed to

Invest in Energy in Sierra Leone

In 2020, Sierra Leone completed energy interconnection with Côte d'Ivoire, Liberia and Guinea, with more to follow, giving access to the West Africa Power Pool. Sierra Leone offers a vibrant and eager

Sierra Leone Energy Transition and Green Growth Plan

The plan marks a significant step in achieving universal energy access and economic development in Sierra Leone with a target of 100% electrification by 2040, while also establishing the

Sierra Leone

The project consists mainly in the construction of a high voltage interconnection network linking Côte d'Ivoire, Liberia, Sierra Leone and Guinea.

Contact Us

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