

Sierra Leone Power Generation and Energy Storage Project



Overview

Development Finance Corporation committed \$412 million toward the project, which will add 83.5 MW of power generation capacity – a 75% increase – in a country where most households still lack access to electricity. In 2020, USTDA funded a feasibility study to support the development of Sierra Leone's first utility-scale independent power plant and first gas-fired power project. 5 MW of power. – The U. The project represents the first. Learn about the market conditions, opportunities, regulations, and business conditions in Sierra Leone, prepared by at U. Embassies worldwide by Commerce Department, State Department and other U. agencies' professionals Sierra Leone's power sector is undergoing a transition, characterized by. On 10 December 2024, the US International Development Finance Corporation (DFC) effected its first disbursement for a USD 292 million loan package in support for the implementation of the gas power plant in Sierra Leone.

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Sierra Leone

Sierra Leone's power sector is built on four key sub-sectors essential to its modernization and development: generation, transmission, distribution, and off-grid/mini-grid electrification.

Sierra Leone: Gas Power Generation - USTDA

In 2020, USTDA funded a feasibility study to support the development of Sierra Leone's first utility-scale independent power plant and first gas-fired power project.



DFC Mobilizes \$414M for Sierra Leone Power Generation Project

In collaboration with the government of Sierra Leone, the U.S. International Development Finance Corporation (DFC) has mobilized \$414 million for the development of the Western Area ...



DFC Disburses 1st Tranche for 105 MW Gas Power Plant in Sierra Leone

The power plant will utilize a Combined Cycle Gas Turbine (#CCGT) with a total capacity of 105 MW. Located in the capital Freetown, it will nearly double the electricity generation capacity of ...



PUSUNG-R (Fit for 19 inch cabinet)



New Energy Project in Sierra Leone: A Historic Expansion

This new project promises to significantly improve living conditions in Sierra Leone, by facilitating access to reliable energy and stimulating the local economy.

Enhancing Sierra Leone Energy Access Project (ESLEAP)

The objective of this project is to increase energy access in Sierra Leone by electrification through mini-grids targeting communities with productive use potential, and stand alone solar systems aimed at ...



Hydroelectric Renewable Energy in Sierra Leone

This 27-megawatt hydropower river project not only aligns the nation with its government's ambition to transform its



energy sector -- bringing cost-efficient, renewable electricity to 500,000 ...

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 ...



Sierra Leone

Real-time analytics Expert insights
Trusted data



The Nant Project Receives Its First Disbursement in Sierra Leone

The Nant Project will be the first large, utility-scale independent power project in Sierra Leone and will supply reliable electricity to address the country's

critical long-term power needs.



US provides \$412m to 'revolutionise Sierra Leone's energy landscape'

Construction is being carried out by Indian conglomerate Shapoorji Pallonji, with Siemens Energy in charge of the operation and maintenance of the generating equipment. The ...

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