

Why is Sierra Leone under resourced?

Sierra Leone's energy needs are under resourced and the scarcity of a reliable energy supply is one of the key impediments to Sierra Leone's economic and social development. The country's installed power capacity per capita is among the lowest in the world with approximately 105 MW available for a population of over 7 million in 2018.

Is there a need for electricity in Sierra Leone?

The GoSL has recognised an urgent need for access to electricity for the people of Sierra Leone. Only 15% of the total population of Sierra Leone currently has access to electricity, and only 2.5% of its rural population had access in 2016, according to World Bank data.

How does Sierra Leone's mining sector work?

The mining sector, which until 2014 generated Sierra Leone's biggest export in the form of iron ore (see the Natural Resources section for more details), is heavily reliant on in-house captive generation to supply its significant power needs. Outside of the industry the use of private generators is prevalent.

What is the future of renewables in Sierra Leone?

The renewables side of the sector remains a promising growth area for Sierra Leone; a study undertaken in 2016 by representatives of the Climate Investment Funds estimated the hydropower potential in Sierra Leone to be up to 2,000 MW capacity, with suitable development sites ranging from 2 MW to 160 MW.

What is the electricity tariff regime in Sierra Leone?

The electricity tariff regime in Sierra Leone is heavily subsidised and remains among the highest in Africa at US\$0.28 /kWh. It is currently under review by both new utility companies and the independent regulator to improve cost recovery for private investors. As outlined further in the Infrastructure section, the PPP Unit was established in 2010.

How many generators are there in Sierra Leone?

Outside of the industry the use of private generators is prevalent. Recent estimates suggest that around 35,000 diesel generators are in use in Sierra Leone, providing a capacity of approximately 180 MW. Off-grid power generation in 2012 totalled approximately 260 MW.



This plan includes implementation of a comprehensive energy sector reforms to provide the enabling environment to achieve at least 300 megawatts of new generation capacity by 2028, including a significant share of renewable energy to help build a climate-resilient and integrated sustainable energy sector. But in order to achieve all this, the



The plans outlined in the retreat, from short-term repairs to long-term infrastructure projects, mark an ambitious but achievable vision for Sierra Leone's energy future. As the country looks towards a sustainable energy transition, Yumkella's leadership and the ongoing collaboration between the government and energy experts will be crucial



The renewable energy development framework is rated medium. Sierra Leone developed an RE policy in 2016 that was updated in 2019. SLEWRC is in charge of renewable energy regulation. The Renewable Energy Directorate of the Ministry of Energy is responsible for the formulation, development and implementation of the renewable energy strategy.



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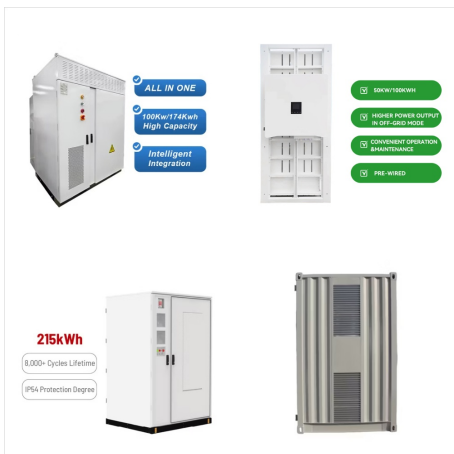
framework required to ensure an effective renewable energy transition in Sierra Leone, and we hope that it will inspire increased focus on the legal and capacity aspects of the energy transition process in Sierra Leone and elsewhere. The review highlighted the critical role of legislation and regulation in the transition process.



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4 ? This project will deliver 108 megawatts (MW) of liquefied natural gas (LNG)-powered electricity within 18 months, more than doubling Sierra Leone's current baseload energy supply. The LNG supply, cheaper than diesel alternatives, is expected to power more businesses and households across the country.



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Sierra Leone: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.



Sierra Leone's energy journey is about more than just power, it is a story of resilience, ambition, and the quest for a brighter future. By harnessing its vast natural resources and embracing innovation, the country can create an energy sector that powers industries, drives economic growth, and transforms lives.



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Speaking on directives issued by President Julius Maada Bio, Yumkella announced short, medium, and long-term strategies aimed at addressing Sierra Leone's persistent energy challenges. He disclosed that six international companies have expressed interest in partnering with the Electricity Distribution and Supply Authority (EDSA) to tackle



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