

What are the new energy sites in Sierra Leone

What is in Sierra Leone's energy roadmap?

A key part of the roadmap is to incorporate Sierra Leone's abundant renewable energy resources, ensuring a secure energy supply to rural communities and boosting the national economy. One of the most significant projects in this roadmap is the planned expansion of the Bumbuna Hydroelectric Dam.

How can Sierra Leone improve energy access?

This comprehensive strategy aims to increase energy access through a combination of technical and non-technical interventions. A key part of the roadmap is to incorporate Sierra Leone's abundant renewable energy resources, ensuring a secure energy supply to rural communities and boosting the national economy.

Do energy statistics exist in Sierra Leone?

"Energy statistics are difficult to obtain in Sierra Leone, especially for renewable energy. Although the conventional thermal energy production and consumption patterns have been reported, no consolidated set of statistics exists for the total Energy situation of Sierra Leone.

What type of energy is used in Sierra Leone?

Energy consumption in Sierra Leone is dominated by biomass, which accounts for over 80% of energy used. The largest source of biomass energy is wood fuel followed by charcoal, while the use of agricultural crop residues and bagasse in the sugar industry remains limited.

What challenges does Sierra Leone face in developing electricity infrastructure?

However, Sierra Leone faces multiple challenges in developing its electricity infrastructure. According to the Ministry of Energy, the national electrification rate stands at 26%, with a dramatic drop to 6% in rural areas where the majority of the population resides.

How much power does Sierra Leone have?

Sierra Leone's power capacity estimates at 150-MW with approximately 27.5% of the total population and about 4.9% of the rural population currently having access to electricity.

This week, Sierra Leone officially launched the construction of a large-scale gas-fired thermal power plant, an ambitious project which should considerably ...

State House, Freetown, Thursday, 5 June 2025 - In a landmark step toward sustainable development and inclusive energy access, His Excellency President Dr. Julius ...

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 ...

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The ministerial visit was an opportunity to prepare the landscape for a smooth integration of the new solar power plant in the Bo-Kenema Power Systems and to showcase the smart ...

Sierra Leone will deploy its first 5G network powered by renewable energy, marking a significant step in both its digital and energy transitions. ...

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 ...

Sierra Leone has one of the lowest electricity access rates in the world: the national electrification rate is approximately 26 percent; however, ...

This week, Sierra Leone officially launched the construction of a large-scale gas-fired thermal power plant, an ambitious project which should considerably boost the country's electricity ...

Solar Energy Approximately 1460 kWh/m of solar radiation can be expected annually in Sierra Leone. Electrification opportunities exist for increasing network interconnections, generation ...

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The power plant, the Western Area Power Generation Project, will be located in Sierra Leone's capital of Freetown and is intended to help address the country's rolling ...

InfraCo Africa has committed up to US\$1.2m to the new initiative which will form part of a wider programme in Sierra Leone by the Universal ...

"Today, we will break ground on the Nant Energy power project, which will contribute significantly to Sierra Leone's energy security, marking a major milestone in this ...

The endorsement of the agreement by Parliament marks a significant stride in Sierra Leone's journey towards energy security. The agreement comprises the 28.2MW Betmai Hydro Electric ...

Sierra Leone's energy vision is firmly rooted in sustainability. The deployment of 200 mini-grids under the Rural Electrification Program marks a significant step toward ...

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