

Is Guinea-Bissau a viable energy resource?

The coast of Guinea-Bissau, with its deeply indented coastline, experiences high tidal range values making this a commercially viable energy resource. The highest mean annual tidal amplitude of 3.4 m was recorded at Porto Gole, on the banks of Rio Geba and could generate 50 MW of electricity (REEEP, 2012); (DICAT, undated).

Can offshore Guinea-Bissau reshape the energy sector?

Offshore Guinea-Bissau is due to see some potentially transformative exploration drilling in the new future, and this drilling can have a great role in reshaping the energy sector in the West African country.

Is hydroelectricity a viable source of energy in Guinea-Bissau?

But by 2015 hydroelectricity was not still not an important source of energy. The coast of Guinea-Bissau, with its deeply indented coastline, experiences high tidal range values making this a commercially viable energy resource.

How much money is needed to achieve universal electricity access in Guinea Bissau?

8. Around US\$263 million of public and private funding will be needed to achieve universal electricity access in Guinea Bissau by 2030. To achieve this goal, a combination of grid (70%) and off-grid (30%) solutions will be required to bring 400,000 additional new connections¹⁸.

Will ECOWAS OMVG boost electricity access in Guinea-Bissau?

The associated ECOWAS regional access project will boost electricity access in Guinea-Bissau to 39 percent¹⁶. The OMVG will have around 300 km of a 225 kV transmission line in Guinea Bissau, and four high-voltage 225/30 kV substations (Mansoa, Bissau, Bambadinca and Saltinho).

When will oil & gas drilling take place in Guinea-Bissau?

According to independent Norwegian oil and gas exploration company PetroNor E&P, a full-cycle Africa-focused independent oil and gas exploration and production business, drilling for Blocks 2 and 4A & 5A offshore Guinea-Bissau under the Sinapa and Esperan^{#231}; a Licences will take place between the end of this 2021 and next year.

Find relevant data on energy production, total primary energy supply, electricity consumption and CO₂ emissions for Guinea-Bissau on the IndexMundi homepage. Find relevant information for Guinea-Bissau on energy access (access to electricity, access to clean cooking, renewable energy and energy efficiency) on the Tracking SDG7 homepage.

At KonkaEnergy, our mission is to empower a sustainable and resilient future by pioneering innovative Battery Energy Storage Systems (BESS). We are committed to reshaping the global energy landscape,

providing cutting-edge ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Guinea-Bissau: 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.

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The Ministers in Charge of Energy from ECOWAS Member States met in Bissau, today, March 24, 2023, to adopt the ECOWAS Energy Policy, the Regional Electricity Code and the Green Hydrogen Policy, among others. The Ministerial meeting was preceded by a meeting of Energy Experts which held in Bissau from March 22 to 23.

The objective of the Country Strategy Paper is to support Guinea-Bissau to build the necessary infrastructure to transform agricultural goods, promote entrepreneurial initiatives for job creation, improve governance and target fragility drivers.

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Guinea-Bissau has one of the lowest electrification rates in Sub-Saharan Africa with only 29 percent² of the population -around 53 percent in urban areas- having access to electricity (Figure 1). Several isolated grids provide electricity throughout the country, while a

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