

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 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).

Who regulates the energy sector in Guinea Bissau?

The Ministry of Energy and Industry is in charge of both implementing policies in the energy sector and regulating them (Table 5). The National Electricity and Water Corporation (EAGB) manages the electricity sector in Guinea Bissau. On a regional level, the country is a member of the West African Power Pool.

How much electricity does Guinea Bissau use?

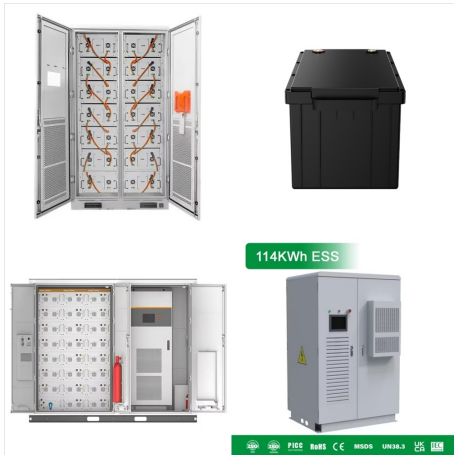
Guinea Bissau has a population of 1.75 million (Table 1). Total production of electricity in 2015 was 13 ktoe with all of it produced from fossil fuels (Table 2). Final consumption of electricity in the same year was 6 ktoe (AFREC, 2015). Key consumption and production statistics are shown in Figures 2 and 3.

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.

Does Guinea-Bissau have offshore exploration potential?

The underlying offshore exploration potential of Guinea-Bissau has long been recognized given the country's functional hydrocarbon system, good potential reserves, and several drillable prospects in a vast shallow water shelf setting.



The west-African nation of Guinea-Bissau represents a particularly attractive market for energy explorers, owing to the largely unexplored on- and offshore basins. According to the ECOWAS Center for Renewable Energy and Energy Efficiency, Guinea-Bissau is the perfect destination for the testing and demonstration of grid-connected and mini



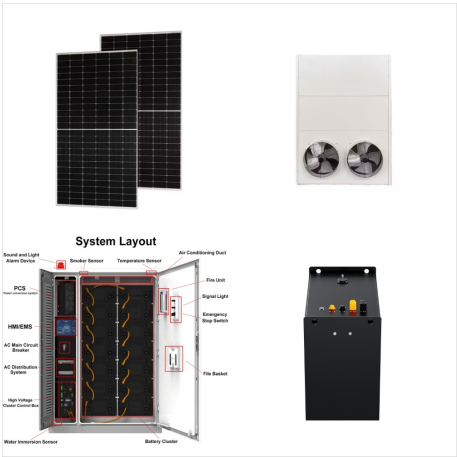
The most widely produced energy source in Guinea-Bissau is gas, followed by hydro and nuclear. In 2019, the total amount of gas produced in the country was 1 million BOE, constituting 90.9% of the total energy production. Although the total amount of gas produced is projected to quadruple to 4 million BOE in 2043, its share of total production



Ministry of Energy, Industry and Natural Resources of Guinea-Bissau / Minist?re des Ressources Naturelles et de l'?nergie ??? Government Body from Guinea-Bissau with 11-50 employees, it`s involved in Energy, Environment & NRM, Industry, Commerce & Services sectors



Primary energy trade 2016 2021 Imports (TJ) 5 745
5 222 Exports (TJ) 3 3 Net trade (TJ) - 5 742 - 5 219
Imports (% of supply) 19 16 Exports (% of
production) 0 0 Energy self-sufficiency (%) 83 85
Guinea-Bissau COUNTRY INDICATORS AND
SDGS TOTAL ENERGY SUPPLY (TES) Total
energy supply in 2021 Renewable energy supply in
2021 15% 0% 85% Oil Gas Nuclear



CEIC,U.S. Energy Information Administration, ???
Table GW.EIA.IES: Energy Production and
Consumption: Annual??? 1980 2022
Guinea-Bissau ???



Bissau (Portuguese pronunciation:) is the capital
and largest city of Guinea-Bissau.As of 2015, it had
a population of 492,004. [1] Bissau is located on the
Geba River estuary, off the Atlantic Ocean, and is
Guinea-Bissau's largest city, major port, its
administrative and military center.



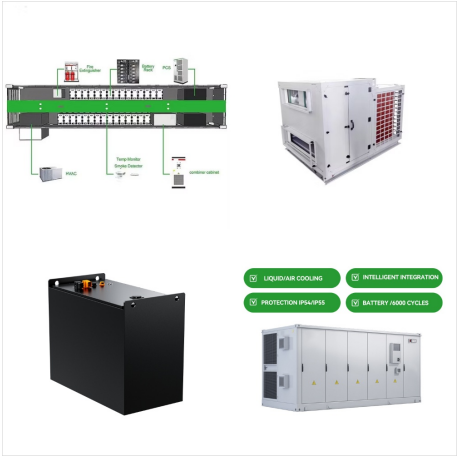
Guinea Bissau: Power Sector Policy Note
EXECUTIVE SUMMARY The electricity sector in Guinea Bissau is in the midst of a transformational reform towards a sustainable development characterized by reliable, greener and affordable service delivery. The electricity sector has been trapped in a downward spiral for decades due to political instability,



The electricity sector in Guinea Bissau is in the midst of a transformational reform towards a sustainable development characterized by reliable, greener and affordable . Skip to Main Navigation
Trending Data Non-communicable diseases cause 70% of global deaths



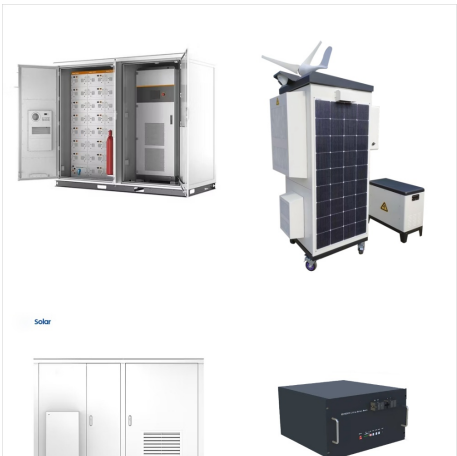
(Sustainable Development Goal indicators 7.1 on energy access, 7.2 on renewable energy and 7.3 on energy efficiency). Find a summarized energy profile for Guinea-Bissau (Atlas of Africa Energy Sources). Renewable Energy. Find relevant data on Renewable Power Capacity and Generation of Guinea-Bissau on the homepage of IRENA . Fossil Fuels



Guinea Bissau Figure 1: Energy profile of Guinea Bissau Figure 2: Total energy production, (ktoe) Figure 3: Total energy consumption, (ktoe) Table 1: Guinea Bissau's key indicators Source: (World Bank, 2015) Source: (AFREC, 2015) Source: (AFREC, 2015) Energy Consumption and Production Guinea Bissau has a population of 1.75 million (Table 1).



Electricity-starved Guinea Bissau will get \$48m from the International Development Association, An account also allows you to view selected free articles, set up news alerts, search our African Energy Live Data power projects database and view project locations on our interactive map Register. Related projects.



Guinea Bissau has a population of 1.75 million. Total production of electricity in 2015 was 13 ktoe with all of it produced from fossil fuels. Final consumption of electricity in the same year was 6 ktoe (AFREC, 2015). Energy Profile: Guinea Bissau. 23 May 2017. Guinea Bissau has a population of 1.75 million. Total production of electricity



PetroNor E& P has completed the Guinea Bissau farm-down transaction which was announced on 27th June 2023. Over the Christmas holiday period, Apus Energy initiated the payment of \$23 million towards past licence costs and long lead items purchased for drilling. The Government of Guinea Bissau approved the transfer of the the Sinapa (Block 2) and ???



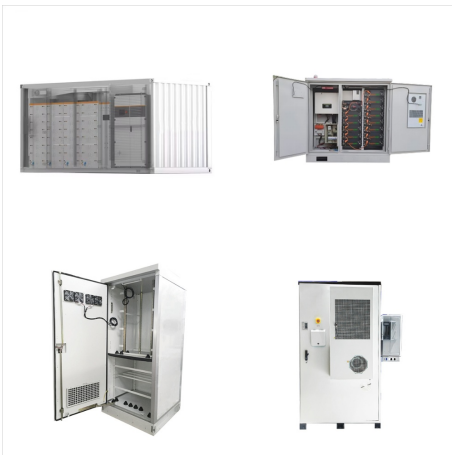
ADBA MEMBER NEWS. FLI Energy, one of the UK & Ireland's leading AD plant EPC contractors, has announced today that it has begun construction of the Euston biogas plant, a biomethane to grid anaerobic ???



Development Projects : Guinea-Bissau: Solar Energy Scale-up and Access Project - P174576.
Development Projects : Guinea-Bissau: Solar Energy Scale-up and Access Project - P174576.
Skip to Main Navigation. Trending Data
Non-communicable diseases cause 70% ???



Oil exploration in Guinea Bissau has ground to a near-halt since a putsch in April, 2012. But that hasn't prevented state-owned Petroguin from selling permits, particularly to Kesnad Oil & Energy owned by Koussi Kouame. Presidential and legislative elections are scheduled for Nov. 24.



Energy Situation and Priorities 1. Guinea-Bissau has a dual energy economy based on domestic wood-fuels and imported oil. About 90% of total energy consumption is accounted for by firewood and charcoal, which are used in almost all households for cooking as well as in traditional rural, commercial and artisanal activities.



The chief executive of the Ivoirian company Kesnad Oil & Energy, Kouassi Kouame, signed an agreement with the managing director of Petroguin, Antonio Serifo Embalo, on June 7 in unusual - 6/18/2013 Beyond Guinea Bissau, however, Kesnad has been less fortunate in its quest for exploration acreage on the continent. It has yet to receive an



Guinea-Bissau Energy Profile . Energy. Export.
Bookmark . Sources: World Bank - WDI July 2012;
Energy Information Administration - International
Energy Statistics Database Guinea-Bissau; Proved
Reserves of Natural Gas (Trillion Cubic Feet) Trillion
Cubic Feet: 0.0(2012) % of World Total (natural
gas)



The expected results in the energy sector are:
installing 500 solar street lamps, reducing energy
loss, finalising the 225-kV western backbone
interconnection line in the Gambia basin and
developing renewable energy. ???



NDC Status Guinea Bissau submitted its revised
NDC in October 2021. Key highlights from the NDC
Guinea-Bissau defined its first quantified target for
reducing greenhouse gas emissions, committing to
a reduction of 30% by 2030 with support and an
unconditional target of reducing emissions by 10%.
The NDC sets out a vision for low-carbon and
climate-resilient ???



The Organisation for the Development of the Gambia River Basin (OMVG) is inviting expressions of interest from consultants by 16 March for a feasibility study for the construction and operation of an estimated 20MW run-of-river hydropower plant on the Corubal River in the Saltinho area of central Guinea-Bissau (AE 340/6). The project design currently ???



Apus Energy has initiated the payment of \$23 million towards past licence costs and long lead items purchased for drilling. 04 Dec 23: Guinea Bissau: AGR wins well management contract offshore Guinea Bissau AGR has secured the well management contract with Apus Energia Guinea-Bissau for a deepwater exploration well in the Sinapa license



The electricity sub-sector in Guinea-Bissau remains one of the least efficient in West Africa. Serious challenges faced include: (i) discrepancies between supply and demand; (ii) waste resulting from obsolete distribution networks, with a loss rate of almost 47%; (iii) low investments; (iv) the poor commercial and financial performance of the national power utility; and (v) an ???



Guinea-Bissau's energy and transport infrastructure are at the core of the recently published Country Strategy Paper 2022-2026. To address Guinea-Bissau's development challenges, the African Development Bank's ???



The government signed a contract with Turkey's Karpowership on 11 October to boost power supply to the capital, Bissau. The contract is for five years, with an option to renew, and is for 30MW, with 18MW to be supplied in a first phase. The O Democrata news site quoted an official of state utility Electricidade e Aguas da Guiné-Bissau (EAGB) as saying energy ???



Guinea-Bissau reaffirms its commitment under the INDCs to reducing our greenhouse gas emissions through the expansion of national protected areas and a moratorium to ban the felling and export of reforestation and conservation of forests and power generation systems from renewable energy (hydroelectric, photovoltaic, wind).



Energias Renováveis e Eficiência Energética na
Guiné-Bissau ??? Relatório Nacional do Ponto de
Situação Guinea Bissau Renewable Energy and
Energy Efficiency Status Report Redacção .
Redaction TESE ??? Associação para o
Desenvolvimento: Georgios Xenakis, Samoel
Mendes e Miguel Ch? de Almeida Ediç?o . Editor
Isabel Cancela de Abreu