

How sustainable is the electricity sector in Guinea Bissau?

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.

Does Guinea-Bissau have electricity?

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).

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).

How will solar power work in Bissau & Gabu?

In Bissau, solar photovoltaic (PV) plants will help reduce the average cost of electricity in the country and diversify the energy mix, while battery storage will help integrate this variable energy source into the grid. In Bafata, Gabu and Cacheu, the PV plants will provide cheaper and cleaner local power generation than current diesel production.

How will the ECOWAS regional Access Project Impact Guinea-Bissau?

The ECOWAS regional access project will extend and strengthen the distribution network in Guinea-Bissau from the planned four high-voltage substations, and supply electricity to 198,000 additional people (33,000 households) by 2022. A low-hanging fruit opportunity to bring electricity to additional 31,443 households exists.¹⁷ ⁸.

The Electricity Distribution System Development Project in the City of Bissau (PDSDE) is part of the Electricity Sub-Sector Investment and Capacity Building Program of Guinea Bissau. This Program which is under the country's 2015-2020 Strategic and Operational Plan aims to improve the distribution and increase people's access to quality ...

In the energy sector, the strategy will strengthen the distribution network to improve access to electricity for most of the population. The bank will continue implementing the Bissau City Power Supply Improvement

Project.

The Bissau City Power Distribution System Improvement Project (PDSDE) is part of the Investment and Capacity Building Programme in the electricity sub-sector under Guinea-Bissau's 2015-2020 Strategic and Operational Plan. It aims to improve power supply and enhance the people's access to quality service in Bissau, the country's capital.

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The Bissau City Power Distribution System Improvement Project (PDSDE) was approved in July 2018 in a context where the electricity sub-sector in Guinea Bissau was beset by several weaknesses and significant development challenges. The electricity access rate was very low, estimated at 10% nationally and 20% in the city of Bissau.

Description: The Bissau City Power Supply Improvement Project (PASEB) is part of the electricity sector investment and capacity building programme consistent with Guinea-Bissau's Strategic and Operational Plan for 2015-2020. Download Report >>>

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



Electric distribution system Guinea-Bissau

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