

Can the Gambia transform the energy sector?

An unprecedented level of support from the international community provides The Gambia with the opportunity to transform the energy sector and emerge as one of the leading energy sectors in the sub-region and the African continent. In this context, the Electricity Roadmap has undergone its third update since 2015.

Why is access to electricity important in the Gambia?

Providing access to electricity to support inclusive and sustainable socio-economic development is one of the pivotal cornerstones of the Gambia government's priorities as articulated in the national energy sector policies and strategies, and highlighted in the National Development Plan (2018-2021).

Why did Gambia not import energy?

In countries that export large amounts of energy, falling energy prices can also cause major economic shocks. Gambia did not import energy. Energy sources, particularly fossil fuels, are often transformed into more useful or practical forms before being used.

Who financed the electricity roadmap for the Gambia?

The Roadmap was financed by the World Bank, and Task Team Leader Chris Trimble played a key role in reviewing all of the technical background reports. The first electricity roadmap for The Gambia was developed in 2015 and updated in 2017, to serve as the development blueprint for the electricity sub-sector in the short-to-medium term.

What is a roadmap for the electricity sub-sector of the Gambia?

The roadmap represents the strategic masterplan for the electricity sub-sector of The Gambia fully consistent with the macroeconomic, energy, investment and climate-related policies of the government of The Gambia and embodies the high-level vision of the Government for the development of the sector over the next 20 years.

What is the electricity system in the Gambia?

The existing electricity network in The Gambia consists of a number of separate 33 kV and 30 kV systems fed from local power plants throughout the country. On-going projects are developing the transmission grid to

interconnect these systems and establish interconnections with neighbouring systems.



However, a recent revelation by the energy minister Nani Juwara on the Assembly exposes the average monthly supply from Senegal to Gambia and the cost NAWEC incurs from the transaction. For May, June and July 2024, Gambia's energy company owes Senelec D1, 186 billion, a monthly average of D393 million.



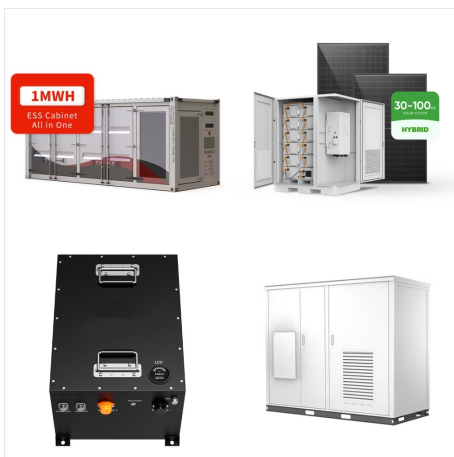
The Gambia's Electricity Sector Roadmap (2019-2025) aims to scale up electricity generation to 200 MW of available capacity at peak in 2025, with 14MW expected from the OMVG project with Guinea and Senegal, and 50MW from the Souapiti project and the remainder through Independent Power Producers (IPP).



How is electricity used in Gambia? Sources of electricity generation Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of ???



The Gambia's energy sector is in the middle of a major transition. Since The Gambia entered a new political chapter in 2017, electricity supply has been stabilized and villages in the North Bank have been connected. NAWEC has made significant strides to improve operational efficiency and



Gambia: 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.



There is a high level of development of the regulatory framework for mini-grid and off grid systems in The Gambia. The country has a national integrated electrification plan that sets out a least-cost electrification pathway, including grid, mini-grid, and off-grid systems and clearly demarcating areas for each system.



In 2022, the U.S. government's Millenium Challenge Corporation (MCC) launched a Threshold Agreement with the aim of improving The Gambia's access to clean, reliable electricity. Consumers also pay a high cost for power in The Gambia ??? the average tariff of \$0.23/kilowatt hour (kWh) is one of the highest in the world.



update of the strategic electricity roadmap exemplifies the Gambia government's drive and commitment to modernizing the electricity sub-sector by building on the gains achieved over so many decades, but also to capitalize on the opportunity for low-cost imports available in the emerging West Africa Power Pool (WAPP) regional