

SolarInnovate Energy Solutions

Gambia communication base station hybrid energy labor unit price



Overview

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.

Will the Gambia be able to provide universal access to electricity?

The Gambia is poised to provide access to electricity for all its people. His Excellency, President Adama Barrow has stipulated that there is to be Universal Access by 2025. Given its unique geography, the country is fortunate in being able to achieve universal access almost exclusively through connections to the NAWEC grid.

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.

Does CCGT increase unit costs in the Gambia?

The high fuel costs scenario significantly increases unit costs by 21%. Forcing

the development of a CCGT (LNG) in The Gambia and the delayed import scenario (which results in the development of CCGT (LNG) in The Gambia early on) increase unit costs by 7%.

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.

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