

# The Gambia enexus renewable

Will a new solar plant increase energy demand in the Gambia?

Energy demand in The Gambia has increased by 5.5% per year in recent years and today's connection of the new 23 MWp solar plant to the national energy grid will significantly increase Gambia's current generation capacity of 98 MW and enable electrification of rural areas. A strong commitment

Will it be a part of the Gambia's energy future?

The Gambia has already started this process by setting up a strong policy that includes RE as part of its energy future. It is in the process of building the institutional and legal framework that will help to deliver this promise.

Is RE a solution to energy problems in the Gambia?

Policy makers across Africa have been among the last to embrace RE as a solution to their energy problems. They are often locked into crisis management on a day-to-day basis. The country's policy makers need to be persuaded that RE has a real future in the energy mix of The Gambia. They need to demonstrate this by their actions.

Is Gambia ready for a new era of renewables?

Gambia: strong international support for a new era of renewables with inauguration of historic 23 MWp solar plant. A significant strategic project with strong substantial economic and social impacts, the recently inaugurated solar photovoltaic plant in Jambur is poised to supply electricity to approximately 18,500 households.

Can communities benefit from renewable electricity support in the Gambia?

Communities who do not have access to the electricity network are one of the main groups with potential to benefit from renewable electricity support. However, community investment in the Gambia presents serious challenges. It is difficult for communities to access finance and develop the skills and knowledge required.

What type of energy system does the Gambia have?

The Gambia has a dual energy system containing co-existing traditional and modernised energy systems and practices. On the one hand, traditional biomass fuels and inefficient technologies dominate household energy needs. On the other, a modernised energy system uses electricity and more refined fuels as well as modern appliances.

Over the past decade the European Investment Bank has provided over EUR6.4 billion for energy investment across sub-Saharan Africa, and The Gambia is well positioned to continue attracting investment in renewable energy projects.

Yet simultaneously, The Gambia is accelerating its shift towards renewable energy to meet rising power

demand, which has surged by 5.5% in recent years. The Gambia benefits from around 3,000 hours of annual sunshine, translating to a minimum daily solar production capacity of 4 kWh per m<sup>2</sup>.

A Renewables Readiness Assessment (RRA) identifies the actions needed to overcome a country's barriers to renewable energy deployment, with IRENA providing technical support and expertise to facilitate ...

of renewable energy technology options in The Gambia and evaluates the potential to reduce greenhouse gas emissions through the implementation of different power sector measures to ...

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important energy source in lower-income settings.

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. The strategic roadmap projects the electricity demand of the Gambia up to 2040, and establishes

The Gambia needs to build technical and regulatory capacity. The level of skills in The Gambia is not sufficient for the magnitude of the energy challenge in the country. The Government will need to revitalise its technical arm (Gambia Renewable Energy Centre) to provide scaled-up support in technology development, finance, regulation and ...

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Increasing investment into clean and reliable renewable energy for The Gambia is a top priority of the government. Due to its strategic location and ideal conditions, The Gambia is ideally suited for investment into the Solar Energy sector.

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