

What does the Gambian government think about off-grid energy?

The Gambian government considers the provision of electricity to all as critical to inclusive economic transformation. It recognises off-grid renewable energy as a practical, potentially cost-effective alternative to expanding the grid to every corner of the country.

Can off-grid electrification work in the Gambia?

The following are some specific findings from the RRA relevant to off-grid electrification. In The Gambia, as in most countries in the region, rural electrification campaigns were conducted using grid-based technologies. This is understandable since grid-based technologies enable lower cost connections to those closer to the grid.

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.

Does the Gambia have a grid code?

Variable generation from solar and wind sources will create further challenges for the energy system. The Gambia does not have a grid code but this is essential to ensure RE can obtain priority access to the grid, while building in some flexibility in forecasting production.

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.

How will interconnected power infrastructure affect rural energy services in the Gambia?

The effect of a highly interconnected power infrastructure on rural energy services in The Gambia is uncertain, as most people will continue to rely on decentralised systems.

UNDP's role in supporting access to clean energy. In 2022, UNDP worked with the Ministry of Petroleum and Energy, MoPE to engage private sector and a team of energy experts to install a green-mini-grid in one of The Gambia's most isolated off-grid communities in the Upper River Region, known as, Sare Demba Toro. UNDP collaborated with

Beside the natural increase electricity access benefits from IPPs and cross border interconnection, DSM's fully implementation will improve the flexibility and reliability of the Gambia energy...

The NAMA for "Rural Electrification with Renewable Energy in The Gambia" offers the unique opportunity to accelerate access to electricity through small-scale, off-grid and stand-alone projects, as well as income-generating opportunities to the local population.

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.

Access to clean energy in the Gambia is set to be transformed under a new EUR 142 million initiative to harness solar power and supply clean energy across the country, backed by the EIB, World Bank and European Union.

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energy policy to promote the deployment and use of renewable energy and energy-efficiency (Re/ee) technologies, in order to improve energy security and access to modern energy services. To fulfil this objective, the government has taken a number of steps: establishing The Gambia Renewable energy Centre (GReC); adopting a policy of zero import duty

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The initiative to bring sustainable and renewable electrical power to urban areas of the Gambia that remain without power through off-grid solar solutions is innovative. This approach not only addresses the immediate need for electricity access but also contributes to long-term environmental sustainability and resilience.

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With this background Gam Excel Company ltd and Karugrid Oy have entered into an agreement on the supply of community-hosted private LTE technology and smart off-grid solar electricity to the Gambian market. The aim is to bring affordable electricity, connectivity, and digital services to those unserved and underserved.

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