



The Gambia 10mw solar

Why is a solar power plant important in the Gambia?

H.E. Corrado Pampaloni, Ambassador of the European Union to The Gambia "This power plant is part of the "Gambia Electricity Restoration and Modernization Project" and it is particularly important for the achievement of a swift transition towards solar power and clean energy supply across the country.

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

What is the minimum daily solar production capacity of the Gambia?

The minimum daily solar production capacity in The Gambia is 4kWh solar power radiation per square meter. The National Development Plan (NDP) seeks to increase the share of renewable energy from 2 to 40 percent.

Will the Gambia achieve universal access to electricity by 2025?

The Gambia aims to achieve Universal Access to electricity by 2025, as stipulated by H.E President Adama Barrow. NAWEC will implement this goal primarily through its grid infrastructure, benefiting from the country's favourable geography.

How will the NAWEC power plant benefit the Gambia?

This plant will be complemented by other critical transmission and distribution upgrades in the NAWEC network to ensure the availability of reliable, clean, and stable energy supplies across The Gambia.

Does the European Investment Bank support a new solar plan in Gambia?

Mr. Ambroise Fayolle, Vice-President at the European Investment Bank (EIB) "I am delighted that the European Investment Bank is supporting this new solar plan with such economic and social impact for populations in Gambia, particularly in rural areas.

Nawec and the Ministry of Petroleum and Energy (MoPE) have issued a tender for a 50 MW solar PV facility with battery storage in Soma, part of a larger 150 MW solar initiative, aiming to select an independent power producer (IPP) through a public-private partnership.

The country's power utility has completed the pre-selection process to seek developers for a 20 MW solar project in the Banjul region. The project will feature up to four PV plants and will be developed under the national Electricity Restoration and Modernization Project. Gambia's National Water and Electricity Company (NAWEC) has completed the preliminary ...

The Government of the Gambia through the Ministry of Petroleum and Energy (MoPE) and the National

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Water and Electricity Company (NAWEC) has benefitted from World Bank's support to develop a 50 MWp Regional Solar Project on a site with excellent solar irradiation in Soma - Lower River Region, The Gambia.

In September 2023, Gambia Sustainable Energy Services Company invited bids for distributed solar energy generation on an on-grid and off-grid basis for 1,000 schools and 99 health facilities, supported by the European Investment Bank (see Africa's Gambia Launches Solar PV Tender).

Since July 2020, the World Bank has run The Gambia's Electricity Restoration and Modernization Project, using a \$43 million grant from the International Development Association to revitalize the nation's energy ...

Part of the electricity produced (70 MWp) by the regional solar power plant installed in The Gambia will be fed into the regional grid operated by OMVG. This second phase, which will be completed in 2026, will sell clean electricity to the state-owned companies Electricité de Guinée (EDG), Electricidade e Aguas da Guine-Bissau (EAGB), and the ...

2.1.2 The development of solar energy in The Gambia By virtue of its geographical location, The Gambia enjoys very good solar insolation throughout the year with slight seasonal variations. The average daily solar radiation ranges from 4.4 to 6.7 kWh/m2-- making solar energy the most prominent renewable energy resource of the country.

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Gambian President Adama Barrow recently laid the foundation stone for the commencement of a solar photovoltaic plant in the country. The 23 MW solar facility is being developed by Gambia National Water and Electric Co. (NAWEC) and includes an 8 MW battery storage system.

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The Gambia Sustainable Energy Sector Program - With a budget of Euro 136 million from the European Investment Bank, World Bank and others, this project began in 2018 and seeks to restore and modernize the energy transmission ...

The last date of bid submission is April 23, 2019. The United Nations Development Program (UNDP) has invited interested companies to submit expressions of interest (EoI) for the deployment of two solar PV projects (Project I and Project II) in the Gambia to be implemented by a single Independent Power Producer (IPP). Project 1 will [...]

H.E. Adama Barrow, President of the Republic of The Gambia "As this is a utility scale solar PV plant, we



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have designed it to significantly reduce the country's reliance on imported fossil fuel for electricity generation. In the same vein, the project is to accelerate the pace towards generating fifty (50) percent of the nation's power ...

The Gambia performs strongly in Solar Irradiation when compared with its regional peers. Reason 3: Strong Government Support The government of The Gambia is seeking to rapidly scale up the Renewable Energy sector 7 Source: GIEPA - Investment Guide, ...

Upon operation, which is scheduled in May 2016, this 10 MW Solar PV project will help to increase generation of sustainable electricity in the Gambia. To the signature ceremony attended, among other personalities, the Gambian Minister of Energy, NAWEC senior management and the Managing Director of Emerging Power (Gambia) Ltd.

The 3.15GW capacity of variable renewable energy generation to be developed consists mainly of regional solar parks in Mali, Burkina Faso, Niger, Gambia, Nigeria, Benin, Togo, Ghana and Côte d'Ivoire. The plan aims to add 15.49GW of capacity by the end of 2033, including 3.15GW of solar and wind. The Gambia project, which has funding from the ...

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