Guyana microgrid applications



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Guyana Power and Light, a publicly owned utility, has kicked off a tender to select an engineering, procurement and construction (EPC) contractor for three solar plants with battery energy storage. The deadline for applications is Sept. 26.

Guyana Power and Light has launched a tender for an EPC contractor to build three solar plants in Guyana with a combined 15 MWp capacity and 22 MWh of battery storage. Applications are due by Sept. 26, according to the tender documents.

The publicly owned utility company is executing the tender on behalf of the national government. Financing for the projects will come from funds under the Guyana-Norway partnership.

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Microgrids are essential for enhancing energy resilience, reducing emissions, and improving energy efficiency. To unlock their full potential, they require robust power protection solutions such as rugged UPS systems. AMETEK IntelliPower's IntelliShield series delivers robust and efficient power in even the most demanding environments, ensuring seamless operation of critical microgrid components. This application note covers:

Download the Application Note to learn more about the rise of microgrids and how IntelliPower's rugged UPS solutions can solve the extreme demands of various microgrid applications.

The government of Guyana and the Inter– American Development Bank (IDB) have jointly launched a tender to deploy 33 MW/34 MWh of solar-plus-storage capacity.

The Guyanese authorities said the tender will be divided into three lots. It will enable the selection of eight PV projects, the government said, without disclosing additional technical and financial details.



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According to the International Renewable Energy Agency (IRENA), Guyana had an installed PV capacity of around 8 MW by the end of 2021. The country's ambitious Low-Carbon Development Strategy aims to meet all power demand from renewables by 2025 and will require the replacement of 200 MW of thermal power generation capacity.

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