



How many solar home energy systems are distributed in Guyana?

GEA supported the implementation of a massive electrification project to supply, deliver and distribute 30,000 Solar Home Energy Systems to Hinterland and riverine communities in Guyana. A total of 26,398 units were distributed as of December 2023.

How has Gea impacted Guyana?

GEA's energy progress has helped to address rising electricity demands and enhanced access to renewable energy supply across local communities. GEA supported the implementation of a massive electrification project to supply, deliver and distribute 30,000 Solar Home Energy Systems to Hinterland and riverine communities in Guyana.

What are the economic benefits of gas to power project in Guyana?

The gas to power project in Guyana has significant transformational opportunities, particularly in that natural gas is a cheaper, more reliable, and cleaner source for electricity. The expected economic benefits are as follows:

Which recommendations are applicable for Guyana's gas to power project?

The following recommendations are therefore applicable for Guyana's gas to power project. Adequate grid infrastructure, policy, and legislative changes are required to ensure that all Guyanese benefit entirely from the gas to power project.

What does the Guyana Energy Agency do?

The Guyana Energy Agency continues to support national efforts in transforming the country's sustainable low-carbon pathway and the energy sector as it contributes to providing cleaner, affordable energy access for all, as well as promoting energy efficiency and conservation practices. - END -

What is the future of energy in Guyana?

The development of alternative renewable energies, such as solar, wind, hydropower, and biomass technologies, remains a key priority for the future growth of the energy sector in Guyana. Government of Guyana has committed to reducing the cost of electricity by at least 50% over the next five years (Budget

2022).



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Guyana's proposed Gas to Energy project will use natural gas from the country's offshore wells to produce electricity for 68% of Guyana's population???those that are connected to the Demerara- Berbice Isolated System, owned and operated by Guyana Power & ???



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The GUYSOL programme, a collaboration between GPL and SUMEC Group, aims to implement utility-scale photovoltaic projects to enhance Guyana's energy sustainability. Under this initiative, 80-megawatt solar PV farms and battery storage systems will be installed in Regions 2, 5, and 6.



19 ? The region now boasts a sophisticated energy system, combining the hydropower plant with a 1 MW solar farm and 2 MW diesel generators, delivering a total capacity of 3.7 MW. "By 2030, there'll be greater use of renewable energy in Guyana," he said, adding: "Most of the energy; more than 50 per cent of our energy, by 2030, will come



The Government of Guyana in 2023 launched the off-grid 30,000 Solar Home Energy Systems project aimed at expanding energy access in remote Hinterland and riverine communities not connected to the national grid. Each system is designed to power two 9-watt (W) LED lamps and a 12-watt (W) stand fan and is equipped with a USB port also allows for