

OverviewRenewable energyElectricity supply and demandAccess to electricityService qualityResponsibilities in the electricity sectorSector policyHistory of the electricity sectorGuyana has a massive but yet unrealized potential for hydropower generation. Hydropower generation capacity has been estimated at 7,600 MW, that is, more than 30 times the current installed capacity in the country. Feasibility studies have been carried out for specific projects, but up to now, this potential remains untapped, mainly due to the considerable capital investments required to set up new power facilities. Indeed, beside the actual investment in generation plants, transmission lines would also be r...

Guyana primarily relies on heavy fuel oil for electricity generation (Figure 9). The vertically integrated, state-owned company called Guyana Power and Light (GPL) controls almost all of the country's ...

Guyana has opportunities for electricity generation based on renewable resources linked to its large sugar industry. Electricity can be generated using bagasse, a by-product of sugar production, as ...

From flood-resistant battery racks to smart energy management software, Guyana's emergency power infrastructure is entering a new era. The right storage solutions don't just keep lights on - they keep ...

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The data and information that are available in the ERC were mostly provided by the government ministries, agencies, and departments, that have responsibility for statistics and planning, in general, ...

Prime Minister Brigadier (Ret'd) Mark Phillips on Friday told the National Assembly that the gas-to-energy project has moved decisively into large-scale execution and remains on track to ...

With our team working on-site around the clock, focused on meeting international quality standards and the arrival of the BESS, the project moves one step closer to completion, ensuring ...

The government is pouring tens of billions of dollars into Guyana's electricity system in 2026, signalling its most aggressive push yet to stabilise the national grid, expand generation and ...

Without these safeguards, Guyana risks entrenching high-cost, suboptimal energy infrastructure. The power ships moored off Guyana's coast symbolize more than temporary ...

Guyana's energy generation is almost completely based on fossil fuels, coming from electricity plants that use

heavy fuel oil. The cost of electricity is \$0.32 per KWH, which is among the ...

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