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SOLAR energy installation in Guyana has grown to 173 per cent since 2020, setting the stage for the country to achieve its ambitious energy-transition goals. This is according to President, Dr Irfaan Ali, who during a recent engagement noted that by 2030, the country's energy consumption is projected to increase fivefold, yet the country's ...

Government of Guyana commissioned its second mega-scale solar farm, the 1.5 MW utility-scale solar PV plant at Bartica, Region Seven (Cuyuni-Mazaruni) in March 2023. At twenty-two (22) off-grid locations, GEA installed over 163 kWp of solar PV capacity and 800 kWh of battery energy storage.

The DBIS is Guyana's main power grid that uses diesel, an environmentally- harmful fossil fuel, to produce power. It supplies about 78 percent of the country's energy needs. Through the use of US\$83.3 million accumulated from Norway to keep Guyana's rainforests intact, the new solar farms promise to add much-needed solar power, an ...

Chinese state-owned conglomerate SUMEC Co Ltd has signed a USD-38-million (EUR 35.2m) contract in Guyana to build solar farms in vulnerable communities and bolster the country's solar capabilities, the Guyanese government said on Tuesday.

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In Guyana, solar energy is used for several purposes, including drying agricultural produce, irrigation, ICT, and to improve electricity access in rural areas. Under the Hinterland Electrification Programme, in excess of 19,000 solar PV systems had been installed in ...

Even as Guyanese authorities accelerate oil production offshore, strategic steps are being taken to diversify the nation's energy mix. According to the Head of the Guyana Energy Agency (GEA), Dr. Mahender Sharma, Guyana is already hitting major milestones in replacing diesel with solar power through various projects country wide.

The GUY SOL 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.



# Guyana solar powering

By 2026, the GUYSOL initiative will install 33 MWp of solar photovoltaic (PV) systems nationwide, supported by a US\$83.3 million investment. This includes additional social programs aimed at benefiting local communities across Guyana.

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Solar Energy Installations/Grid-Tie. The Guyana Power and Light Inc. (GPL) has embraced the Government of Guyana's vision for a green state and the associated benefits to the company and to the country.

Guyana's solar capacity is set to receive a significant boost with the signing of a US\$38 million contract between the Guyana Utility-Scale Solar Photovoltaic (GUYSOL) and a Chinese company...

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