

Can JPS distribute electricity in Jamaica?

While Jamaica has several firms that generate electricity, only JPS can distribute the power, due to its exclusive licence with the Jamaican government as operator of the national grid.

Why is Jamaica resetting its renewables target?

Jamaica's energy grid is now dominated by liquefied natural gas and oil. The prices of those fossils have spiked since the onset of the pandemic. And within that time, the Jamaican government reset its renewables target from 30 per cent to 50 per cent.

What is Jamaica's energy policy?

Jamaica's National Energy Policy, published in 2009, sets targets for renewable electricity generation, energy efficiency, and greenhouse gas emissions to be met by 2030. The policy document outlines Jamaica's comprehensive long-term energy plan.

Does Jamaica use solar power?

Jamaica has yet to see large-scale development of solar power, with no utility-scale facilities installed to date. However, there are notable solar installations, such as the 1.6-MW rooftop array at the Grand Palladium Jamaica Resort & Spa and the combined 500 kW installed across 33 facilities by the Jamaica Broilers Group.

What is the cost of electricity in Jamaica?

Jamaica's electricity cost is approximately \$0.39 per kilowatt-hour (kWh). This information is provided in the energy snapshot of Jamaica, an island nation located in the north Caribbean Sea. The utility rates are above the Caribbean regional average of \$0.33/kWh.

How much electricity is consumed in Jamaica by 2030?

In Jamaica, 20% of the electricity is consumed by 2030. Electrification rates in Jamaica are very high, reaching 98%, but operational challenges persist. For example, system losses consume 26% of electricity produced, exceeding the regulatory maximum of 17.5%.

Jamaica Public Service Company Limited (JPS) is seeking applications for the engineering, procurement, and construction services for a 115 MW utility-scale solar plant, a 171.5 MWh battery energy storage system, and a 12 MW wind plant at unspecified locations in the Caribbean country.

It has put out tenders seeking engineering and construction proposals for three plants: a 115 MW solar PV plant; a 171.5 MW BESS, or battery energy storage system; and a 12 MW onshore wind plant - totalling 298.5 MW of new capacity.

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Jamaica's power utility, Jamaica Public Service Company (JPS) announced it would commission a USD 25 million energy storage facility. The 24.5MW plant will be the first facility of its kind in Jamaica, and will help to address power fluctuations.

Jamaican utility company Jamaica Public Service (JPS) announced Monday that its board of directors has approved a hybrid energy storage solution which -- pending approval from the Office of Utilities -- will be the first of its kind in the Caribbean.

Pending approval from the Office of Utilities Regulation (OUR), the storage facility will be built at the Hunts Bay Power Plant Substation. It will consist of high-speed and low-speed flywheels and containerised lithium-Ion batteries, and is scheduled to start operations by the third quarter of 2018.

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THE Jamaica Public Service says it will this week launch its hybrid energy storage solution with an event at its Hunts Bay Power Plant Substation. JPS said the energy storage solution will...