



# How many new photovoltaic power stations in Jamaica generate electricity

What are Jamaica's solar energy concessions?

With an ambitious goal to diversify its energy usage by 30% renewables by 2030, special concessions have been provided by the Jamaican government to solar energy companies such as Conserve It Jamaica, who aim to provide consumers with high quality solar based products and services.

What is the future of solar in Jamaica?

The future of Solar in Jamaica is bright as solar energy is accessible and affordable to everyone. Solar panels and Solar Water Heaters are more efficient and durable than ever..

Can a smart mobile device help Jamaica's solar energy industry?

The same is true of Jamaica's solar energy industry: where the vast majority of solar based products and services are confined to residential spaces, monitoring their usage to optimize energy outputs may be connected to a smart mobile device, which offers distant viewing of these solar based products and services.

How much solar irradiation does Jamaica have?

Jamaica has a high average solar irradiation of about 5 kWh/m<sup>2</sup> per day, despite this abundance in solar energy in Jamaica, the country has relatively low penetration of solar based products and services, especially in the industrial and manufacturing sectors.

How much electricity does Jamaica Public Service Company use?

Research shows that about 45,000 residential customers of Jamaica Public Service Company have an electricity demand of above 600 kWh/month. Most of those customers are suspected to have an electric heater and spend about one-third of their electricity bills for hot water generation.

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.

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