Barbados solar power program

Is Barbados a leader in solar energy?
Barbados continues to maintain a leadership position in solar energywithin the Caribbean. Building on a successful Renewable Energy Rider program which has seen 9MW of distributed solar PV installed,the electricity market has finally opened up to independent power producers (IPPs) to develop utility scale solar projects.

Does Barbados use solar panels?
Solar panels are seen more and more frequently across Barbados. Similar to the ubiquitous solar water heater on Barbadian rooftops,the Government of Barbados is fully committed to the idea of renewable energy and solar PV,thereby preparing the country for even more substantial growth in this sector.

Do Barbadians use solar energy?
Approximately 50% of all households in Barbadoshave 50,000 installationsof solar energy systems. This awareness and usage of solar energy have increased due to the significant decrease in costs over the past few years.

What is the installed solar PV capacity in Barbados?
The total installed solar PV capacity in Barbados is about 22MW(12MW RER +10MW utility).

Should you buy a solar PV system in Barbados?
One of the biggest, if not the biggest hurdle to further solar PV penetration in Barbados is the upfront cost of a system. When you think about the fact that the cost is essentially the prepayment of 25-30 years worth of electricity it makes sense that the price is "high". If you could purchase a ... Continue reading ->

Who provides electricity in Barbados?
Electricity in Barbados is entirely supplied by the Barbados Light and Power Company (BL&P). They operate the thermal generation,transmission,and distribution systems on the island.

Barbados has no utility-scale renewable energy capacity to date, but it has quickly added distributed solar photovoltaic (PV) capacity under the RER program. Offered on a pilot basis since 2010, the program was expanded per Fair Trading Commission (FTC) approval in August 2013. By the end of 2013, BL& P reported that 271 solar PV systems were

The Ministry"s objective is to improve Barbados" energy security and resilience, as well as reduce its dependence on imported fossil fuels, resulting in the retention of foreign exchange and the improvement of the country"s economic competitiveness.

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installed, the electricity market has finally opened up to independent power producers (IPPs) to develop utility scale solar projects.

Customers who sell power to BL& P"s grid are billed under either the FIT or the pre-existing RER programme. Rates paid to customers for energy generated from RE sources are determined by the Fair Trading Commission (FTC).

The project, spanning 50 sites across the island-state, is a significant step towards achieving the goal of powering Barbados with 100% renewables by 2030, supplementing the existing 30 MW solar portfolio.

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