



# Off-grid solar antigua and barbuda

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Antigua and Barbuda is a nation consisting of two major islands, Antigua and Barbuda, and several smaller islands in the eastern Caribbean Sea. The Leeward Islands archipelago is situated between the Atlantic Ocean and the Caribbean Sea,

Both islands have a tropical climate with little seasonal temperature variation. The average temperature in January is around 77°F (25°C), and the average temperature in August is around 82°F (28°C). Summer highs can reach 90°F (32°C).

Overall, Antigua is looking to move away from its dependence on fossil fuels for electricity generation. However, there's still a long way to go before achieving a substantial shift towards renewable energy sources.

Antigua and Barbuda is making strides towards harnessing solar power as a renewable energy source. The island nation has set an ambitious goal of achieving 100% of its electricity generation from renewable sources by 2030 [IRENA Antigua and Barbuda Renewable Energy Roadmap].

One recent development is the inauguration of a hurricane-resistant hybrid solar plant on Barbuda [Hurricane-resistant hybrid solar plant inaugurated on Antigua and Barbuda]. This project, funded by the UAE-Caribbean Renewable Energy Fund, features solar panels and a battery storage system designed to withstand strong winds and power the island during daylight hours.

The Antigua and Barbuda government is also supporting the adoption of solar power by residents and businesses. Offgridinstaller is now present in Antigua and able through its local partners Klimax Ent to undertake installations in both Antigua and Barbuda.

Overall, Antigua and Barbuda is well-positioned to increase its use of solar power in the coming years. Solar energy is a clean and abundant resource that can help the island nation reduce its reliance on fossil fuels and improve its energy security.

Off-grid solar systems are a popular choice in Antigua, which has abundant sunshine all year round. Off-grid solar systems are not connected to the main electricity grid, so they can provide a reliable source of power even in remote areas or during power outages.

Off-grid solar systems can be used to power a variety of homes and businesses, from small cabins to large office buildings. The size and cost of the system will vary depending on the energy needs of the user.

If you are considering installing an off-grid solar system in Antigua and Barbuda, it is important to work with



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a qualified solar installer to ensure that the system is properly sized and installed.

OFFGRIDINSTALLER, a British company, can provide a long-life reliable off-grid solar system. Visit our website at to see videos and examples of installations, including the British Virgin Islands.

The average power consumption in Antigua is only 7,500 kWhrs per year, but many clients will require a system to cover larger consumption during the seasons of high tourist demand.

Contact us for free full report

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