



# Saint Lucia hybrid solar

Does St Lucia have a Solar Power Revolution?

Title: Solar Power Revolution: Advantages of Installing Solar PV in St. Lucia with Eco Carib St. Lucia, bathed in abundant sunlight and surrounded by the beauty of the Caribbean, is experiencing a transformative revolution in the realm of energy.

Why should you install solar PV systems in St Lucia?

At the forefront of this revolution is Eco Carib, a leading solar PV business dedicated to harnessing the power of the sun for a sustainable and eco-friendly future. In this blog post, we explore the myriad advantages of installing solar PV systems in St. Lucia with Eco Carib, paving the way for a cleaner and more energy-efficient island paradise.

Where is St Lucia's first solar PV plant located?

On the 11<sup>th</sup> April 2018, the St. Lucia Electricity Services Limited (LUCELEC) - the sole electric utility company on the island - completed the commissioning of the island's first utility-scale solar PV plant. The plant is rated at 3 megawatt (MW) and is located in La Tourney, Vieux Fort, just north of the Hewanorra International Airport.

Does St Lucia have a power outage?

St. Lucia, like many tropical regions, occasionally experiences power outages due to storms or other unforeseen circumstances. Solar PV installations, equipped with energy storage solutions such as batteries, provide a reliable source of power even during grid interruptions.

Who is Sol Lucian?

Sol-lucian is a St. Lucian oriented Electric Solar Renewable Energy Company which has developed a bold approach to reducing the cost of electric utility. © 2018 Sol Lucian Ltd. All rights reserved.

How can Sol Lucian help you save money?

Contact us today to see how our solutions can help you save money... Sol-lucian is a St. Lucian oriented Electric Solar Renewable Energy Company which has developed a bold approach to reducing the cost of electric utility. © 2018 Sol Lucian Ltd.

Looking ahead, LUCELEC is working on plans to install a 7.5 MW/3 MWh utility-scale battery storage system in Vieux Fort to support the existing PV plant as well as to install another 10 MW solar PV plant with battery storage on the east coast of the island.

Saint Lucia receives high levels of solar irradiation (GHI) of 5.4 kWh/m<sup>2</sup>/day and specific yield 4.5 kWh/kWp/day indicating very strong technical feasibility for solar in the country.<sup>3</sup> The country is highly dependent on imported fossil fuels for generation of electricity, thus making it susceptible to



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In the sun-soaked landscapes of St. Lucia and the Caribbean, a brighter, more sustainable energy future is dawning. With Ecocarib, your trusted partner in renewable energy solutions, we're here to illuminate the path to clean, reliable power through solar photovoltaic (PV) systems.

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Our journey extends beyond products to impactful projects that have left a tangible mark on the Caribbean. Collaborating with Commercial, Domestic, and Government entities, we have pioneered installations of Photovoltaic Systems, Solar ...

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During November and December representatives of Sol-Lucian attended Energy Awareness Fairs in both the north and south of Saint Lucia to provide attendees with information on the products and services offered by the company, and how they can turn sunshine into cash!

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As more homes and businesses adopt solar power, the collective impact contributes to a broader movement towards environmental consciousness in St. Lucia. In conclusion, the advantages of installing solar PV systems in St. Lucia with Eco Carib extend far beyond individual homes and businesses.

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