

## SolarTech Power Solutions

# Dominica s solar power generation



## Overview

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Known as the “ Nature Island of the Caribbean “, Dominica leverages its abundant natural resources, geothermal, hydroelectric, solar, and wind energy, to reduce reliance on imported fossil fuels, lower energy costs, and mitigate the impacts of climate change. The goal of the Dominica government is.

Construction was begun in 2021, and power generation was in the first quarter of 2022. Soco 79 MW Solar Park is installed on 84 hectares and 5 kilometers of high voltage lines, with 147,870 ASTRO modules. The solar park will generate 132,000 MWh per year and is expected to save more than 60,000.

The Government is committed to make Dominica the first climate-resilient nation by 2030 and is working to create favourable conditions for future sustainable investments in renewable energies. As the island most advanced in geothermal explorations, Dominica is already a leader in renewable energy.

capacity (kWh/kWp/yr). The bar chart shows the proportion of a country's land area in each of these classes and the global distribution of land area across the c ed at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global.

Dominica, known as the “Nature Isle of the Caribbean,” has been actively pursuing sustainable energy solutions to enhance its energy security and reduce reliance on imported fossil fuels. As of 2022, Dominica’s Gross

Domestic Product (GDP) was approximately over USD500 million. [1 ] The economy is.

Dominica, in the eastern Caribbean, is planning to join these pioneers and become the first small island developing State (SIDS) to stop using fossil fuels for energy generation. It's called geothermal energy, and it's an exciting prospect for the country. Geothermal has none of the intermittency.

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