

Saint Lucia Solar Power Generation Electricity System





Overview

How much energy does Saint Lucia use?

Saint Lucia's primary energy supply amounts to about 8,000 terajoules (TJ), of which 92 percent comes from imported oil and 8 percent comes from renewable energy sources.²⁰ Per capita energy use is estimated at about 1,936 kWh.²¹ Total installed capacity for electricity generation in Saint Lucia is 93.1 MW.

How can Saint Lucia achieve its planned energy transition?

The path to Saint Lucia's planned energy transition requires massive deployment of an applicable set of proven clean-energy technologies, taking advantage of the country's full renewable energy potential, particularly solar, wind, and geothermal resources.

What is the National Energy Policy for St Lucia?

The National Energy Policy outlines the best energy practices for St. Lucia as the country attempts to become more energy secure. This energy security goal was outlined to include renewable energy from indigenous sources and diversify sources of petroleum.

Is Saint Lucia a good place to get electricity?

Saint Lucia has substantial potential for electricity generated by renewable energy. Solar energy potential is estimated at 36 MW, equivalent to about 41 percent of installed capacity for electricity generation using fossil fuels. Moreover, Saint Lucia is estimated to have huge geothermal resource potential, about 680 MW.



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