

## European Solar and Energy Storage Solutions

# Saint Lucia pts energy



## Overview

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What is the future of electricity in Saint Lucia?

At the same time, recent developments in energy efficiency, renewable energy, cleaner-burning fuels (e.g., natural gas), electricity storage, and advanced controls and metering present a myriad of opportunities. Saint Lucia's current electricity system is well managed, reliable, and equitable.

What is the energy potential of Saint Lucia?

Saint Lucia is a volcanic windward island, with large technical potential for geothermal, wind, and solar renewable energy generation, as well as use of solid waste generated by residents. Little technical potential for biomass or hydroelectric generation exists on the island.

How much does electricity cost in Saint Lucia?

The 2015 electricity rates in Saint Lucia are \$0.34 per kilowatt-hour (kWh), in line with the Caribbean regional average of \$0.33/kWh. Like many island nations, Saint Lucia is almost 100% reliant on imported fossil fuels for electricity generation, leaving it vulnerable to global oil price fluctuations that directly impact the cost of electricity.

What is Saint Lucia's energy transition opportunity?

**RESULTS** Saint Lucia's energy transition opportunity provides a win-win situation in which the Government of Saint Lucia supports constituents through cheaper electricity, and LUCELEC continues to profit and provide reliable service.

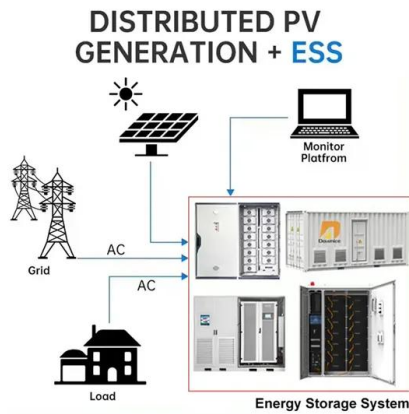
Is Saint Lucia's Electricity System reliable?

Saint Lucia's current electricity system is well managed, reliable, and equitable. This can be primarily attributed to the fact that LUCELEC is a responsible and financially sound utility.

Is Saint Lucia reliant on fossil fuels for electricity generation?

Like many island nations, Saint Lucia is almost 100% reliant on imported fossil fuels for electricity generation, leaving it vulnerable to global oil price fluctuations that directly impact the cost of electricity. Electricity Sector Data

## Saint Lucia pts energy

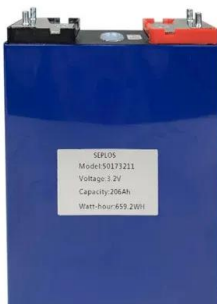


## ENERGY PROFILE Saint Lucia

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

## Saint Lucia News

St. Lucia\_NEP\_0328\_WEB.pdf Our Mission To serve the needs of the public and to provide administrative, technical, and professional support in the task of fostering and promoting good governance, and effective coordination of the Government machinery.



## ETI Energy Snapshot

St. Lucia U.S. Department of Energy Energy Snapshot Population Size 181,889 Total Area Size 620 Sq.Kilometers Total GDP \$1.92 Billion Gross National Income (GNI) Per Capita \$9,560 Share of GDP Spent on Imports 43% Fuel Imports 4.9% ...

## ST. LUCIA

This document presents St. Lucia's Energy Report Card (ERC) for 2021. The ERC provides an overview of the energy sector performance in St.

Lucia. The ERC also . includes energy efficiency, technical assistance, workforce, training and capacity building . information, subject to the availability of data.



## 2022 Energy Report Card - St. Lucia

The 2022 Energy Report Card for St. Lucia provides an overview of energy sector performance and includes energy efficiency, projects, technical assistance, workforce, training and capacity building information, subject to the availability of data.

## ETI Energy Snapshot

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this document is for general information purposes only.



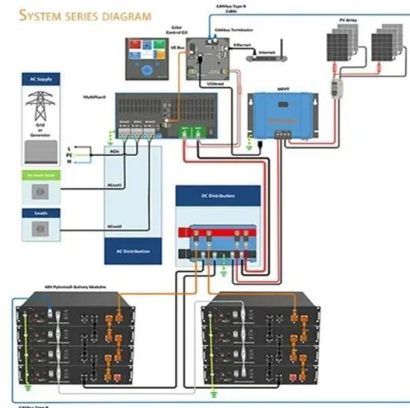
## 2020 ENERGY REPORT CARD ST. LUCIA

This document presents St. Lucia's Energy Report Card (ERC) for 2020. The ERC provides an overview of the energy sector performance in St. Lucia. The ERC also includes energy efficiency, technical assistance, workforce, training, and capacity building information, subject to the availability of data.



## Saint Lucia Commits to Renewable Energy

The plan will help to reduce energy costs for citizens of Saint Lucia which, like most island nations, suffers from astronomically high electricity costs that hinder economic development. As a small island developing state, Saint Lucia is particularly vulnerable to the impacts of climate change. Although the island only emits 0.0015% of global



48V 100Ah

## EXECUTIVE SUMMARY SAINT LUCIA NATIONAL ENERGY ...

Saint Lucia's energy transition opportunity provides a win-win situation in which the Government of Saint Lucia supports constituents through cheaper electricity, and LUCELEC continues to profit and provide reliable service. The analytical team supporting the IRP initially examined 14 scenarios for the future energy mix of Saint Lucia,

## Ministry of Sustainable Development, Energy, Science and ...

Official Web Site of the Government of Saint Lucia, Ministry of Sustainable Development and Technology. Login: Environmental and Social Management Framework (ESMF) for the Caribbean Efficient and Green-Energy Buildings Project; 2024 Structuralia STEM Professionals; ANNUAL REPORT OF THE MINISTER FOR THE PUBLIC SERVICE SUSTAINABLE ...

12V 10AH



## Ambitious green energy goals

## collide with the realities of fossil ...



Saint Lucia's energy landscape presents a clear picture of fossil fuel dependence, with the island consuming over 20.7 million imperial gallons of diesel for electricity generation alone in 2022. The island nation's electricity system, operated by Saint Lucia Electricity Services Limited (LUCELEC), maintains an installed generating capacity

## Saint Lucia Energy Production and Consumption: Annual

Total Energy Consumption: Nuclear, Renewables and Other: Renewables and Other data remains active status in CEIC and is reported by U.S. Energy Information Administration. The data is categorized under Global Database's Saint Lucia - Table LC.EIA.IES: Energy Production and Consumption: Annual.



## Saint Lucia: Energy Country Profile

Saint Lucia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

## Saint Lucia Energy Statistics

This represents 0.00% of global energy consumption. Saint Lucia produced 9,210,000 BTU (0.00 quadrillion BTU) of energy, covering 0% of its annual energy consumption needs. Non Renewable (Fossil Fuels) Energy Consumption. 93% . 6,491,000,000 BTU. Oil: 6,491,000,000

BTU (93%)



## Saint Lucia

Country Saint Lucia Closing Date Section III, B. 2. of Schedule 2 to Recipient Saint Lucia the Grant Agreement Renewable Energy Sector Development Project Disbursement Deadline Date Subsection 3.7 \*\* Four (4) months after the closing date Disbursement Methods, and Supporting Documentation Disbursement Methods Section 2 (\*\*)

## Energy Snapshot Saint Lucia

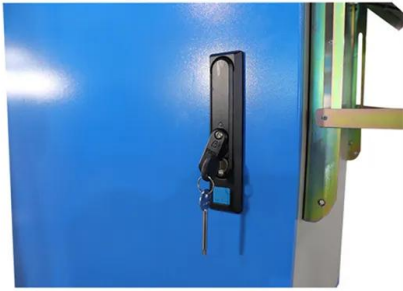
Energy Snapshot Saint Lucia This profile provides a snapshot of the energy landscape of Saint Lucia, one of six Caribbean countries that make up the Windward Islands--the southern arc of the Lesser Antilles chain--at the eastern end of the Caribbean Sea. The 2015 electricity rates in Saint Lucia are \$0.34 per kilowatt-hour (kWh), in line with the



## EXECUTIVE SUMMARY SAINT LUCIA NATIONAL ENERGY ...

SAINT LUCIA NATIONAL ENERGY TRANSITION STRATEGY AND INTEGRATED RESOURCE PLAN , 5 EXECUTIVE SUMMARY RESULTS Saint Lucia's energy transition opportunity provides a win-win situation in which the Government of Saint Lucia supports constituents through cheaper

electricity, and LUCELEC continues to profit and provide reliable service.



## Integrated and renewable energy assets solutions , PTS from ...

PTS provide renewable and innovative energy solutions, integrating all aspects of private energy networks: financial, design, construction, operations and maintenance. Home; Who we are; What we do; Talk to us; Menu. 35 Junction St Private Bag ...



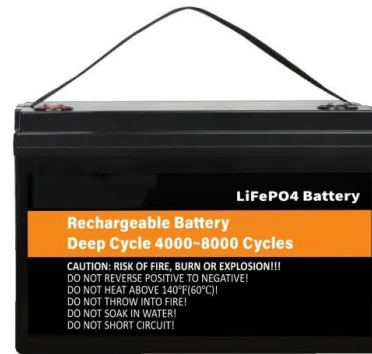
## 2017 ENERGY REPORT CARD ST. LUCIA

Energy Report Card 2017: St. Lucia "AT-A-GLANCE" SUMMARY OF ST. LUCIA'S ENERGY SECTOR ST. LUCIA'S ENERGY SECTOR PERFORMANCE AGAINST TARGETS Indicator Base /Current Performance (Year) National Targets National Target (Proposed by CARICOM - CSERMS Report) 13 Indicative RE Oil Displacement<sup>14,15</sup> Potential Annually\*\*

## Ambitious green energy goals collide with the realities of fossil ...

On the heels of COP29, Saint Lucia's ambitious climate commitments are again in focus. The

island has positioned itself as a regional leader in the fight against climate change, with its 2023-2030 National Energy Policy (NEP) setting an aggressive target of 50% renewable energy by 2030.



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