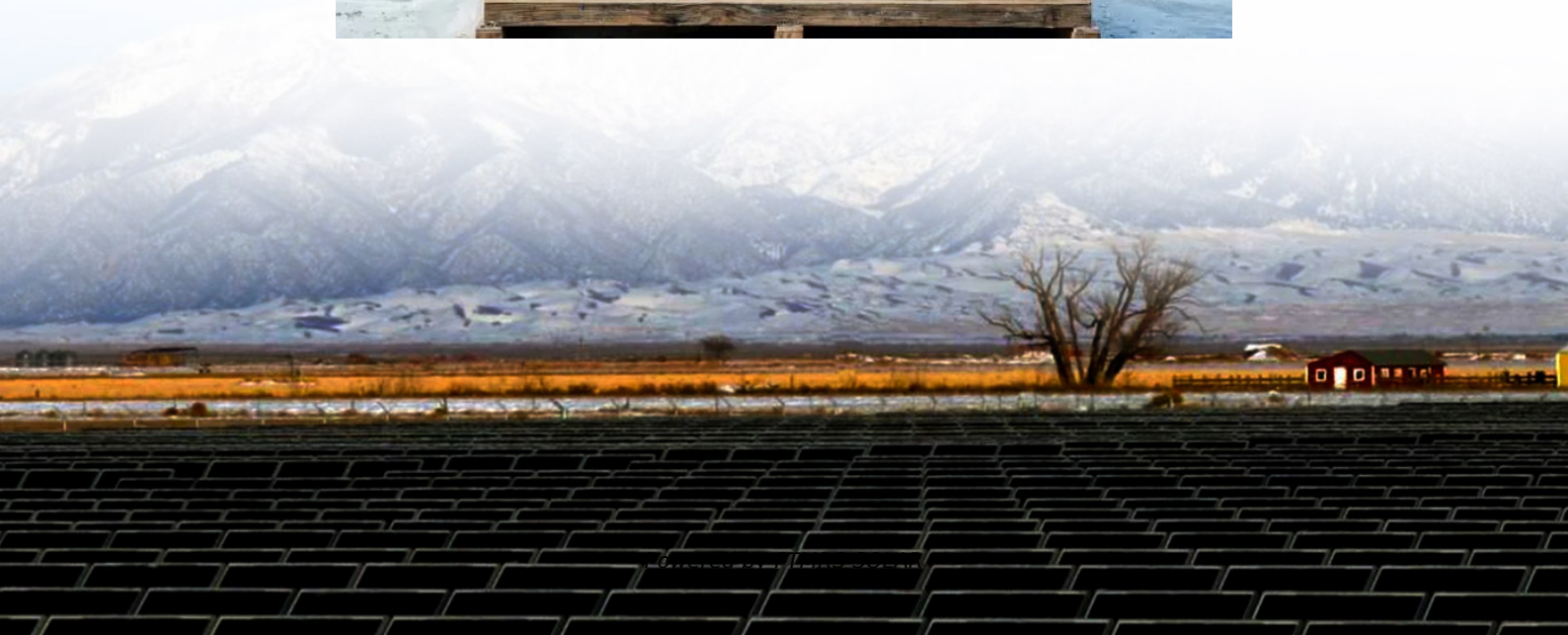


Energy sites in Saint Lucia





Overview

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.

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.

Does Saint Lucia have geothermal resources?

Moreover, Saint Lucia is estimated to have huge geothermal resource potential, about 680 MW. However, this potential is in the early stages of evaluation. The estimated potential for wind energy in power generation is 42 MW.

What percentage of Saint Lucia's energy supply comes from petroleum?

Petroleum products account for about 92 percent of Saint Lucia's primary energy supply.⁶ The remaining 8 percent of primary energy supply comes from renewable energy sources, mostly from solar energy.



Energy sites in Saint Lucia

Geothermal Resource Development in Saint Lucia (ID 5812)

May 8, 2024 · The objective of the geothermal resource development project is to help the Government of Saint Lucia (GoSL) make informed decisions regarding geothermal exploration ...

Saint Lucia , Critical Minerals and The Energy Transition

Find out how Saint Lucia is expanding renewables with solar, wind, and geothermal potential, supported by policy and regional cooperation.

Ambitious green energy goals collide with the realities of fossil fuel

Dec 5, 2024 · 92 per cent of Saint Lucia's primary energy comes from petroleum products. This dependency persists despite ...

2023 St. Lucia Energy Report Card

Jun 26, 2025 · ST. LUCIA Introduction This is the Energy Report Card (ERC) for 2023 for St. Lucia. The ERC provides an overview of the energy sector performance, highlighting the ...

ENERGY PROFILE Saint Lucia

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...

RESDP SALCC SCHOLARSHIP PROGRAM RECIPIENTS VISIT KEY RENEWABLE ENERGY

Jun 11, 2024 · On May 31st, 2024, fourteen Scholarship and Apprenticeship Program recipients of the Department of Infrastructure, Ports and Transport's Renewable Energy Sector ...

About RESDP , Advancing Renewable Energy in Saint Lucia

Dec 4, 2025 · Learn about the RESDP's mission to develop Saint Lucia's renewable energy sector, emphasizing geothermal energy exploration and legislative reforms.

Saint Lucia plans a 26 MWh solar plus storage ...

Jul 15, 2025 · Electric utility company St Lucia Electricity Services is set to tender a 10 MW solar project with 13 MW battery energy storage later this ...

SAINT LUCIA

May 10, 2024 · Country Context Saint Lucia is a small island nation in the Eastern Caribbean with about 180,000 inhabitants. It is a popular tourist destination with an economy that depends ...

Saint Lucia Explores Geothermal, in Hope of a Resilient Future

Nov 15, 2022 · The project for geothermal exploration reflects Saint Lucia's ambition to transform its energy sector for a long-lasting positive impact on its people



Ambitious green energy goals collide with the ...

Dec 5, 2024 · 92 per cent of Saint Lucia's primary energy comes from petroleum products. This dependency persists despite the island nation's ...

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 ...

Saint Lucia Explores Geothermal, in Hope of a ...

Nov 15, 2022 · The project for geothermal exploration reflects Saint Lucia's ambition to transform its energy sector for a long-lasting positive impact ...

Renewable Energy Sector Development Project (RESDP) , Saint Lucia

1 day ago · Explore Saint Lucia's commitment to sustainable energy through the RESDP, focusing on geothermal exploration and clean energy initiatives.

RESDP SALCC Scholarship Programme Recipients Visit Key Renewable Energy

Jun 12, 2024 · SAP Students Field Trip On May 31st, 2024, fourteen Scholarship and Apprenticeship Program recipients of the Department of Infrastructure, Ports and Transport's ...

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

Dec 5, 2024 · 92 per cent of Saint Lucia's primary energy comes from petroleum products. This dependency persists despite the island nation's considerable renewable resources - including ...

2023 St. Lucia Energy Report Card

Jun 26, 2025 · Introduction This is the Energy Report Card (ERC) for 2023 for St. Lucia.

On-Site Energy for Saint Lucia Manufacturing: A Business Case

Oct 10, 2025 · High electricity costs and grid outages in Saint Lucia threaten manufacturing. Learn how on-site solar and battery storage can ensure reliability and cut costs.

SAINT LUCIA NATIONAL ENERGY TRANSITION STRATEGY

Fortunately, Saint Lucia is blessed with natural resources, including an abundance of sunshine, wind, and geothermal energy, that can diversify the generation mix and increase our energy ...

ETI Energy Snapshot

Sep 30, 2020 · This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The ...

Saint Lucia's energy consumption , Research Starters

Saint Lucia is a small Caribbean island nation striving to transition towards sustainable energy consumption, given its limited natural resources and complete reliance on imported fossil fuels ...



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