

Articles about solar energy in the Saint Lucia

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.

What is the best energy source for Saint Lucia?

The NETS findings indicate that a portfolio of utility-owned solar, distributed solar, wind, and diesel together with energy storage offers the best economics for Saint Lucia.

How does electricity work in Saint Lucia?

The island's 180,000 residents and tourism-driven economy depend heavily on reliable electricity service. Today, that electricity is generated almost exclusively from imported diesel fuel, leaving Saint Lucia vulnerable to a costly and volatile energy source.

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

Is biomass a source of electricity in Saint Lucia?

Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important source in lower-income settings. Saint Lucia: How much of the country's electricity comes from nuclear power? Nuclear power - alongside renewables - is a low-carbon source of electricity.

How much geothermal potential does Saint Lucia have?

The volcano that sits in the middle of Saint Lucia provides vast geothermal potential. Conservative estimates indicate more than 30 MW of technical geothermal potential; others estimate 170 MW. Estimates also show that development of this geothermal resource would likely be economically feasible.

The Government of Saint Lucia has a target of generating 35% of its electricity from renewable sources by 2020. This pristine island currently depends on dirty diesel generators for power, but has ambitious goals to revolutionize its economy with solar, wind, and geothermal energy.

June 20, 2017: Castries, Saint Lucia: Today representatives from St. Lucia Electricity Services Limited (LUCELEC) and solar energy firm GRUPOTEC signed a contract to begin the ...

La Tourney, Saint Lucia - On Thursday, August 9 2018, President Bill Clinton, Saint Lucia Prime Minister

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Allen Chastanet, and Jos#233; Mar#237;a Figueres, former president of Costa Rica and Board of Trustees for RMI will host the official ...

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Invest Saint Lucia, the island's investment promotion agency, was pleased to see the inauguration of St. Lucia Electricity Services Limited (LUCELEC) 3-MW solar farm in La Tourney. This solar park is the first utility-scale renewable energy project operated by LUCELEC. The solar park has 15,000 solar panels and is expected to generate approximately 7 million [...]

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Today, that electricity is generated almost exclusively from imported diesel fuel, leaving Saint Lucia vulnerable to a costly and volatile energy source. At the same time, the island boasts strong renewable resource ...

In January 2018 a second round of funding was announced for projects in the region, with Belize, the Dominican Republic, Grenada, Guyana, Haiti, Saint Kitts and Nevis and Saint Lucia all to benefit. Saint Lucia was granted funding for solar-powered street lighting at Hewanorra International Airport, and a solar carport for electric vehicles ...

Green energy. Innovators in Saint Lucia are now mostly focused on green energy, due to the conditions on the island. It is a volcanic windward island, with large technical potential for geothermal, wind, and solar renewable ...

The Water and Sewerage Company Inc. (WASCO) proudly announces the commissioning of a state-of-the-art solar-powered water treatment facility in Des Barras, Babonneau. The Government of Saint Lucia has partnered with WASCO and, through the Caribbean Community Climate Change Centre (CCCCC) and the

OECS Commission, successfully accessed ...

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