



Alhoda solar energy St Vincent and Grenadines

How much does electricity cost in St Vincent & the Grenadines?

This profile provides a snapshot of the energy landscape of St Vincent and the Grenadines--islands between the Caribbean Sea and North Atlantic Ocean,north of Trinidad and Tobago. St Vincent's utility residential rates start at \$0.26 per kilowatt-hour(kWh),which is below the Caribbean regional average of \$0.33/kWh.

What is the national energy policy of St Vincent and the Grenadines?

Established in 2009,the National Energy Policy (NEP) of St. Vincent and the Grenadines provides a plan for the energy sector in the country that addresses sustainability issues. This document was followed in 2010 by the National Energy Action Plan (NEAP),which consolidated policies into actionable steps.

What is the energy tariff in St Vincent & the Grenadines?

Residential,commercial,and industrial customer tariffs are on an inverted block rate starting at \$0.26/kWh.¹¹ Established in 2009,the National Energy Policy (NEP) of St. Vincent and the Grenadines provides a plan for the energy sector in the country that addresses sustainability issues.

The Caribbean Development Bank has approved financing of \$8.6 million to St Vincent Electricity Services Ltd (Vinlec) for the supply and installation of solar photovoltaic (PV) systems at company buildings in the vicinity of the Argyle International Airport.

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.

The ERC provides an overview of the energy sector performance in St. Vincent and the Grenadines. The ERC also includes energy efficiency, technical assistance, workforce, training, and capacity building information, subject to the availability of data. This ERC includes data and information that was provided by government ministries, agencies, or

Saint Vincent and Grenadines receives high levels of solar irradiation (GHI) of 5.2 kWh/m²/day and specific yield 4.3 kWh/kWp/day indicating strong technical feasibility for solar in the country.³ In 2021, 26.67% of the country's power demand was met through renewable sources.⁴

Energy Transformation St Vincent and the Grenadines has benefited from early investment in utility-scale hydropower. The expansion of renewables will be critical in diversifying the islands' energy generation mix. Wind and solar energy have high deployment potential due to high average wind speeds and strong annual

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The Caribbean Development Bank is supporting St. Vincent and the Grenadines" push to expand and increase its range of renewable energy options through a planned solar energy project.

This is the Energy Report Card (ERC) for 2022 for St. Vincent and the Grenadines. The ERC provides an overview of the energy sector performance, highlighting the following areas: o Installed Conventional and Renewable Power Generation Capacity o Annual Electricity Generation, from Conventional and Renewable Plants

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