



Is Saint Vincent and the Grenadines dependent on fossil fuels?

## ST. VINCENT AND THE GRENADINES ON A PATH OF RENEWABLE ENERGY DEVELOPMENT

Caribbean small island states such as Saint Vincent and the Grenadines (SVG) is almost entirely dependent on fossil fuel for electricity production. This dependency has created major concerns for the sustainability of our economies and environment.

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.

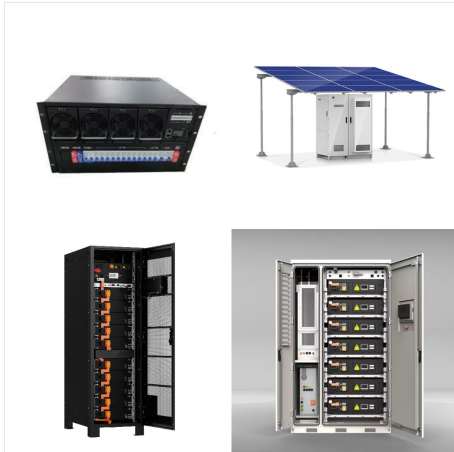
What is the energy tariff in St Vincent & the Grenadines?

Residential, commercial, and industrial customer tariffs are on an inverted block rate starting at \$0.26/kWh.<sup>11</sup> 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.

Which Grenadines islands use electricity?

The other Grenadines islands of Palm and Mustique are supplied by privately owned electricity systems using diesel plants as part of their resorts.<sup>9</sup> VINLEC has an installed generation capacity of 58.3 megawatts (MW), of which 5.6 MW comes from three hydropower plants, with the remainder made provided by diesel generators.<sup>8</sup> However,

# ST VINCENT AND GRENADINES IOT AND SOLAR ENERGY



The Mayreau Microgrid Solar Project is in its final stage, which is the testing and commissioning of the solar photovoltaic (PV) and Battery Storage system. St. Vincent Electricity Services Limited (VINLEC) and the Rocky ???



The month of July in Saint Vincent and the Grenadines experiences essentially constant cloud cover, with the percentage of time that the sky is overcast or mostly cloudy remaining about ???



Over the course of March in Saint Vincent and the Grenadines, the length of the day is gradually increasing om the start to the end of the month, the length of the day increases by 22 ???

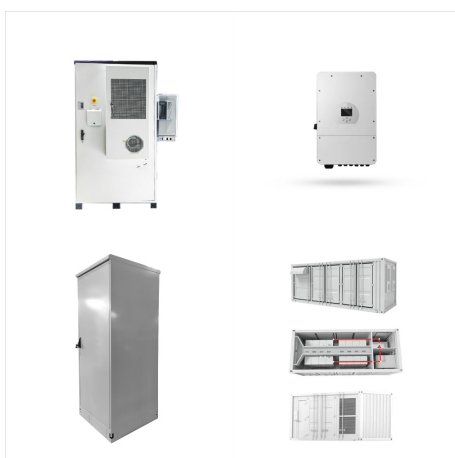
# ST VINCENT AND GRENADINES IOT AND SOLAR ENERGY



Over the course of April in Saint Vincent and the Grenadines, the length of the day is gradually increasing om the start to the end of the month, the length of the day increases by 20 ???

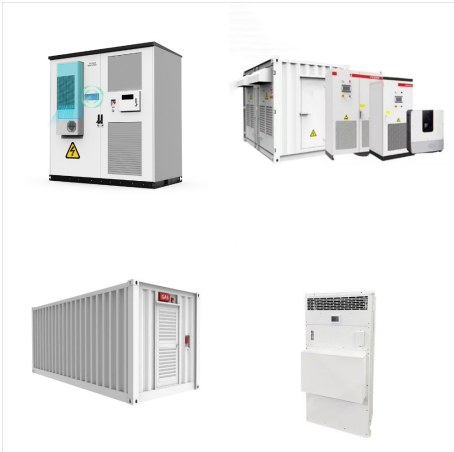


The Caribbean Development Bank has approved financing of \$8.6 million to St Vincent Electricity Services Ltd (Vinlec) for the supply and installation of solar photovoltaic (PV) systems at company buildings in the ???



The month of November in Saint Vincent and the Grenadines experiences gradually decreasing cloud cover, with the percentage of time that the sky is overcast or mostly cloudy decreasing ???

# ST VINCENT AND GRENADINES IOT AND SOLAR ENERGY



The month of January in Saint Vincent and the Grenadines experiences essentially constant cloud cover, with the percentage of time that the sky is overcast or mostly cloudy remaining about ???



The Commissioning of the Union Island Solar PV and Battery Energy Storage System on Monday 25th March 2019 has been hailed as a significant milestone in the energy sector of Saint Vincent and the Grenadines.