

Does St Kitts and Nevis have a national energy policy?

Yes, St. Kitts and Nevis has a National Energy Policy (NEP). The key provisions of this policy include connecting large-scale independent power providers and many distributed renewable energy systems to the electrical grid. Not all generation is made publically available; this chart provides known and referenceable data.

How much energy is lost in St Kitts & Nevis?

Reports indicate that in St. Kitts and Nevis, higher losses are largely attributable to nontechnical losses such as unmetered consumption, leading to losses that are higher than the U.S. Energy Information Administration's average transmission and distribution loss of 6%. By comparison, the U.S. Energy Information Administration reports an average transmission and distribution loss of 6%.

How much does electricity cost in St Kitts & Nevis?

The electricity rates in the Federation of St. Christopher (St. Kitts) and Nevis are \$0.26 per kilowatt-hour (kWh). This is lower than the Caribbean regional average of \$0.33/kWh.

How much solar energy does St Kitts use?

In St. Kitts and Nevis, the solar resource averages 5 kWh per square meter. Solar energy is already being used for grid-powered induction lighting and street lights along roadways. A 7 MW waste-to-energy power plant is planned to come online on St. Kitts in 2015.

Does St Kitts & Nevis rely on fossil fuels?

St. Kitts and Nevis is heavily reliant on fossil fuels for electricity generation, leaving it vulnerable to global oil price fluctuations that directly impact the cost of electricity. The government subsidizes the fuel charge for residential customers, partially shielding that sector from price volatility.

What is the difference between St Kitts and Nevis?

The system losses in St. Kitts are about 17%, while Nevis has higher system losses of 20.3%. By comparison, the U.S. Energy Information Administration reports an average transmission and distribution loss of 6%.

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.

renewable energy in different countries and areas. The IRENA statistics team would welcome comments and feedback on its structure and content, which can be sent to statistics@irena. Last updated on: 31 July, 2024

The National Energy Policy has created the framework that allows St. Kitts to transition from a primarily fossil fuel source of energy to alternative renewable energy sources such as wind, solar, geothermal, hydro and waste to energy (WTE).

The 2021 Energy Report Card for St. Kitts and Nevis provides an overview of energy sector performance and includes energy efficiency, projects, technical assistance, workforce, training and capacity building ...

The 2021 Energy Report Card for St. Kitts and Nevis 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.

The National Energy Policy has created the framework that allows St. Kitts to transition from a primarily fossil fuel source of energy to alternative renewable energy sources such as wind, ...

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

According to Mr. Williams, the farm is expected to provide between 30-35 percent of St. Kitts and Nevis" baseload energy for the next 20-25 years, while reducing carbon dioxide emissions by more than 700,000 ...

According to Mr. Williams, the farm is expected to provide between 30-35 percent of St. Kitts and Nevis" baseload energy for the next 20-25 years, while reducing carbon dioxide emissions by more than 700,000 metric tons over that same period.

