

Where does Grenada get its energy from?

Grenada derives almost all of its energy from imported hydrocarbons. In 2020, non-renewables accounted for roughly 98% of installed capacity and electricity generation, with solar energy making up the difference.

Does Grenada have a wind farm?

Grenada has had success with implementing energy efficiency and renewable energy projects. To date, GRENLEC has assessed five sites on the main island and two on Carriacou for wind farm feasibility. A wind-diesel hybrid has been discussed for Petite Martinique, but its development is on hold.

How much electricity does Grenada use?

In 2020, Grenada produced 223 GWh of electricity, relying mainly on fossil fuels (98.12%), with a small contribution from solar energy (1.88%). In 2018, peak demand was 33.2 MW. In 2016, Grenada consumed 185.1 million kWh of electricity. As of 2018, 95.3% of the population had access to electricity.

Who owns the electricity in Grenada?

Utility investors: 50% with U.S.-based WRB Enterprises; the public holds 25%; and the government, its employees, and the National Insurance Scheme Grenada hold the remaining 25%. Nearly 99% of electricity is sourced from diesel fuel. The utility maintains an installed capacity of 48.6 MW spread across the three islands.

Who is responsible for energy projects in Grenada?

The MOID (Ministry of Infrastructure Development, Public Utilities, Energy, Transport, and Implementation) is responsible for energy programs in Grenada. MOID handles the majority of permitting related to energy projects.

Does Grenada have solar power?

Solar photovoltaics (PV) have high potential on Grenada because the country's global horizontal irradiation exceeds 5 kWh/square meters per day. A 2- to 4-MW PV installation is planned, but no utility-scale solar plants are currently in operation.

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

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This document presents Grenada's Energy Report Card (ERC) for 2020. The ERC provides an overview of the energy sector performance in Grenada. The ERC also includes energy efficiency, technical assistance, workforce, training, and capacity building information, subject to the availability of data.

Grenada: 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 provides the data for your chosen country across all of the key metrics on this topic.

The 2021 Energy Report Card for Grenada 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.

This profile provides a snapshot of the energy landscape of Grenada--a small island nation consisting of the island of Grenada and six smaller islands in the southeastern Caribbean Sea--three of which are inhabited: Grenada, Carriacou, and Petite Martinique.

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