

Does Dominica have a national energy plan?

Dominica drafted a national energy plan in 2011 and revised it in 2014. The objective of the plan is to make electricity generation on the island self-sufficient by 2020 using sustainable and indigenous resources.

Does Dominica generate solar power?

Dominica has a high solar potential with a solar resource of 5.6 kWh per square meter per day. The government has installed LED streetlights (in 2013 and 2014). Dominica also has approximately 30 MW of wind power potential, some of which is under development.

What is the cost of electricity in Dominica?

The electricity rates in Dominica, as of 2015, were \$0.39 per kilowatt-hour (kWh). This is higher than the Caribbean regional average of \$0.33/kWh.

How much wind power is available in Dominica?

Dominica has a wind power potential of 10 MW at Crompton Point in Saint Andrew and an additional 20 MW elsewhere in the country. After reviewing nine wind studies, DOMLEC came to this conclusion.

Does Dominica have hydropower?

In the past, hydropower supplied 90% of Dominica's electricity. However, as population and electricity demand grew, diesel generator use increased and hydropower share diminished. Dominica Electricity Services Limited (DOMLEC) is the sole electric utility with an installed electrical generating capacity of 23.8 megawatts (MW) and a peak demand of 17.2 MW.

Can Dominica develop geothermal power?

Dominica is expected to develop more than 100 MW of geothermal power and has secured funding for early-stage investment through the World Bank's Geothermal Development Plan. The island may be able to secure additional international and private sector funding for these projects.

2018 ENERGY REPORT CARD DOMINICA This document presents Dominica's Energy Report Card (ERC) for 2018. The ERC provides an overview of energy sector performance in Dominica. The ERC also includes energy efficiency, projects, technical assistance, workforce, training and capacity building information, subject to the availability of data.

In an era where the transition to sustainable energy is imperative, Dominica is making significant strides in refining its regulatory landscape to enable a thriving energy sector. This advancement is propelled by a key partnership between USAID -through the Energy Sector Reform Project- and Dominica's Independent Regulatory Commission.

The EU has also funded the Geothermal Energy Project in the Roseau Valley, supporting Dominica's goal of 100% renewable energy by 2030. Collaborating with CREAD and the National Authorizing Office (NAO), the EU has implemented sustainable development programs to strengthen Dominica's defenses against climate change.

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Dominica has the good fortune of being able to consider a range of clean energy options with considerable export potential. There is potential for expansion of hydroelectric energy through micro-hydro projects. Further, Dominica has large wind resources and has the potential to use wind turbines to provide a significant portion of its power.

Known as the "Nature Island of the Caribbean", Dominica leverages its abundant natural resources--geothermal, hydroelectric, solar, and wind energy--to reduce reliance on imported fossil fuels, lower energy costs, and mitigate the impacts of climate change.

Dominica's primary source of renewable energy is hydropower, which currently accounts for approximately 28% of the country's electricity generation. The island's ...

A new programme from the European Union has also been announced which will support Dominica's renewable energy sector through a multitude of ways. One of its aims is to render the country's international ...

The geothermal energy project in Dominica is estimated at US\$40 million for its first phase, focusing on establishing a 7 MW geothermal power plant in the Roseau Valley. Additional ...

A new programme from the European Union has also been announced which will support Dominica's renewable energy sector through a multitude of ways. One of its aims is to render the country's international airport energy-independent and disaster-resilient by installing a solar power plant within the airport.

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Dominica's primary source of renewable energy is hydropower, which currently accounts for approximately 28% of the country's electricity generation. The island's mountainous terrain and abundant water resources make it an ideal location for hydropower development.

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