



# Dominica panasonic energy

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.

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.

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.

Does Dominica heavily rely on fossil fuels?

Despite having three hydroelectric plants on the Roseau River that produce 27.4% of Dominica's electricity supply in the present day, Dominica is not heavily reliant on imported fossil fuels as other islands in the region. In the 1960s, hydropower supplied 90% of Dominica's electricity.

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.

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.

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become a reality in the near future as equipment for the project arrived on the island. Renewable Energy Minister Dr Vince Henderson, speaking on the state-owned DBS radio, said as Dominica develops and as the economy expands, there was ...

Together with its technical partners, The Government of the Commonwealth of Dominica and Dominica Electricity Services Limited (DOMLEC) recently reviewed the results of the first phase of the Sustainable and Resilient Energy Plan (S-REP), illustrating how to produce the country's future electricity through secure, affordable, and resilient ...

Energy Minister Dr. Vince Henderson has announced that the target date for getting geothermal power on the grid is 2025. He made the announcement during the 2023-2024 National Budget debate on Thursday. "We have now gotten to the final stage of negotiating an agreement with a private developer in a public private partnership..." he said.

Panasonic Energy Co., Ltd.'s business scope covers dry batteries supporting convenient, comfortable daily lives, as well as batteries supporting a broad range of social infrastructure and the automotive industry, including EVs.

The Government is committed to make Dominica the first climate-resilient nation by 2030 and is working to create favourable conditions for future sustainable investments in renewable energies. As the island most advanced in geothermal explorations, Dominica is already a leader in renewable energy in the Caribbean.

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 funding, including grants and loans, has been secured from the World Bank (approximately US\$17.2 million) and the Clean Technology Fund, supporting further ...

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Energy Transition Initiative: Islands Energy Snapshot - Dominica (Fact Sheet) Author: David Zelinka: NREL Subject: This profile provides a snapshot of the energy landscape of the Commonwealth of Dominica, an island nation located southeast of Guadeloupe and northwest of Martinique in the Lesser Antilles. Keywords

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