

Where can I find information about Guadeloupe energy?

Welcome to the website of Guadeloupe Energie! On this website, you'll find information on Guadeloupe's progress on energy transition from energy legislation to industry data, from profiles for renewable energy in Guadeloupe to the latest news and events--all in one place.

How much does energy cost in Guadeloupe?

Energy Snapshot Guadeloupe This profile provides a snapshot of the energy landscape of Guadeloupe, an overseas region of France located in the eastern Caribbean Sea. Guadeloupe's utility rates are approximately \$0.18 U.S. dollars (USD) per kilowatt-hour (kWh), below the Caribbean regional average of \$0.33 USD/kWh.

How can Guadeloupe achieve energy independence?

"Achieving energy independence in Guadeloupe by shifting from fossil fuels to renewable energy sources is a challenge that we must take up for the benefit of future generations. With clear objectives and applying the means for success, the Multi-Year Energy Program (PPE) exemplifies our political resolve to reach our goals."

Is Guadeloupe a renewable country?

Guadeloupe has a large portfolio of renewable generating capacity, with 112.8 MW installed as of 2013. It also has a diverse portfolio, both in terms of generation types and facility ownership.

Does Guadeloupe rely on imported fuels?

Nevertheless, Guadeloupe's reliance on imported fossil fuels--more than half of the island's electricity is generated from imported petroleum-based fuels--leaves it vulnerable to significant disruptions in shipping or the availability of import facilities.

A Review of Caribbean Geothermal Energy Resource Potential 37 ... Montserrat, La Soufriere in Guadeloupe, Soufriere Volcanic Centre in St. Lucia, The Soufriere in St. Vincent, and Kick 'em Jenny (submarine), Ronde/Caille and Mt. St. Catherine all of Grenada (Stewart I 2000).

This profile provides a snapshot of the energy landscape of Guadeloupe, an overseas region of France located in the eastern Caribbean Sea. Guadeloupe has set a target to achieve 100% energy independence by 2030. As of 2018, 21% of Guadeloupe's electricity was generated by renewable energy. View Program Document. Cite ... } ...

Guadeloupe enjoys a high number of days of sunshine, with approximately 1,400 hours of sunshine annually--a huge asset in terms of solar energy production. Strong support from local government in the form of generous subsidies (financed by European Union programs and fixed metering rates) served to boost the solar photovoltaic sector from 2006 ...

The development of biomass energy addresses several strategic challenges for Guadeloupe: Promote expansion of all types of renewable energy currently available in Guadeloupe to achieve the PPE objective of energy [...] Read more. Biomass Resources La biomasse est une source d'énergie renouvelable dont les potentialités sont méconnues et ...

The PPE's Objectives for Wind Energy. Guadeloupe has significant wind energy resources that has strong potential for development. The Regional Wind Energy Plan (Schéma Régional Eolien) estimates potential of an additional 70 MW to 110 MW. And yet, if repowering 1 projects are excluded, the sector has barely grown since 2010. This situation ...

Guadeloupe currently has several recovery units that use a variety of processes to transform biomass into energy. Combustion and Co-generation The thermal power plant in Le Moule, which transforms bagasse from the Gardel sugar factory into steam and electricity.

Renewable energy supply in 2021 Guadeloupe 100% Oil Gas Nuclear Coal + others Renewables 9% 1% 9% 80% Hydro/marine Wind Solar Bioenergy Geothermal 0% 0% 0% 0% 20% 40% 60% 80% 100% ... Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity

N2 - This profile provides a snapshot of the energy landscape of Guadeloupe, an overseas region of France located in the eastern Caribbean Sea. Guadeloupe has set a target to achieve 100% energy independence by 2030. As of 2018, 21% of Guadeloupe's electricity was generated by renewable energy.

Hydroelectricity is a primary element in Guadeloupe's energy plan, since it does not contribute to climate change by emitting greenhouse gases and, as a local resource, helps establish energy independence.. Stable Energy. Like geothermal, biomass or biogas energy, hydroelectricity is a so-called non-variable renewable energy source, meaning ...

Bouillante is currently the only geothermal power plant in the Caribbean. Since Bouillante 2 came on line in 2003, total production has risen to 15 MW, accounting for 5% to 10% of electricity produced in Guadeloupe (depending on the year). Geothermal energy is especially attractive since Guadeloupe is an archipelago.

Part I. Energy Policy and Resource Nationalism 1. The Parameters of Nationalism and Energy Policy 2. The Paths to Diverse Partnerships in the Context of Resource Nationalism 3. Explaining Oil and Gas Policy Part II. Venezuela Case Study 4. Venezuela's Political Economy, 1989-2016 5. Scoring the Variables

Launched in late 2012 as part of Guadeloupe's regional energy plan, the aim is for Guadeloupe to achieve energy self-sufficiency by 2050, using solely renewable energies. ... Geothermal energy: an underestimated resource found in most recent volcanic zones. Wherever there's an active volcano, there's most likely a resource that can produce ...

Direct use of geothermal energy is in fact not a novel concept but has been practiced for bathing, space heating and farming applications even far before geothermal energy was used for electricity generation,. (Jóhannesson and Chatenay, 2014) Geothermal energy can offer affordable and clean energy solutions for a variety of potential uses.

Click on an island on the map above or download its snapshot below to learn more about its electricity sector, clean energy policy environment, energy efficiency and renewable energy projects and resource potential, and opportunities for clean energy transformation to reduce its dependence on imported fossil fuels.

Sainte-Rose wind farm (Guadeloupe) (Parque Eólico Sainte-Rose) is an operating wind farm in Sainte-Rose, Guadeloupe. Project Details Table 1: Phase-level project details for Sainte-Rose wind farm (Guadeloupe)

La Guadeloupe s'inscrit dans une démarche de développement des énergies renouvelables. À ce jour, elles représentent un tiers de la production d'électricité,. Dans le cadre de la ...

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