



What type of energy does the Dominican Republic use?

This page is part of Global Energy Monitor's Latin America Energy Portal. Fossil fuels- including oil, natural gas, and coal - supply most of the Dominican Republic's energy, supplemented by smaller amounts of renewables, including hydro, wind, solar and biofuels.

Who is Hanley Energy?

Whether we're developing and delivering new products, deciding on the best solution for a customer's problem, or interviewing candidates - our leadership team and employees live by them every day. Hanley Energy is a globally recognised, award-winning data center solution innovator, headquartered in Ireland with many global operations.

Will the Dominican Republic produce 25% of its electricity by 2025?

The country aims to produce 25% of its electricity from renewable energy sources by 2025. The Dominican Republic's Nationally Determined Contribution (2020 revision) calls for a 27% reduction in greenhouse gas emissions by 2030 relative to business as usual, up from 25% in the country's original NDC.

What is the current condition of the Dominican energy sector?

The PEN presents the current condition of the Dominican energy sector while outlining its future development. The DR's installed generation capacity connected to the National Interconnected Electric System (Sistema Eléctrico Nacional Interconectado - SENI) is around 5,631.47 MW and the average peak demand is around 3,312 MW.

Is solar energy a viable resource for the Dominican Republic?

High solar potential, along with integrating efficiencies and economies of scale, can make solar energy a viable resource for the Dominican Republic. Similarly, wind energy has strong potential, particularly in the southwest.

How can the Dominican Republic integrate solar and wind resources?

The short-term variability and geographic diversity of the wind resource will need to be studied before implementation of projects. The Dominican Republic has created a framework for integrating solar and wind resources in its grid that can drive renewable energy adoption for years to come.



The Dominican Republic is highly reliant on oil, and as energy partners committed to the country for decades, we came together through a new joint venture, Energ?a Natural Dominicana (EnaDom), to transform the country's energy matrix with natural gas and secure a cleaner, reliable, and cost-effective future.



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Minister Santos Echavarr?a highlighted the country's goal of meeting 25% of its national energy demand with renewable sources by 2025, positioning the Dominican Republic as a leader in clean energy adoption. Given the country's strategic location and abundant solar resources, this bold vision is inspiring and achievable.



Dominican Republic's Energy Minister Joel Santos (in the picture) sees a large share of solar energy in driving the country's energy transition and diversification. Dominican Republic will ???



The Dominican Republic has a total installed capacity of 3,635 MW with peak demand of 1,800 MW.⁸ Renewable energy generation in the Dominican Republic makes up 14% of total electricity (nearly all of which is provided by hydro-electric facilities), while the remaining 85% of electricity is generated from imported fossil fuels.⁸ Despite recent



Targets Renewable Energy Energy Efficiency Transportation In Place Proposed Prepared by the National Renewable Energy Laboratory (NREL), a national laboratory of the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy; NREL is operated by the Alliance for Sustainable Energy, LLC.



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The Dominican Republic passed legislation on renewable energy in 2007 as part of its endeavors to achieve these targets. The main objective of this law is to increase the contribution of renewable energy sources in electricity generation to 25% by 2025.



Dominican Republic's Energy Minister Joel Santos (in the picture) sees a large share of solar energy in driving the country's energy transition and diversification. Dominican Republic will soon publish an updated draft of the National Energy Plan 2022-2036 with a chapter devoted to renewable energies and their storage, according to CNE



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The Dominican Republic produced 18.6 TWh of electricity in 2020; fossil fuels accounted for nearly 85% of production, followed by hydro (6.68%), wind (6.11%), solar (1.64%) and biofuels (0.90%). The DR has a high incidence of power outages compared to other countries in Latin America and the Caribbean. [3]