



# Orkan energy Dominican Republic

How much does energy cost in the Dominican Republic?

This profile provides a snapshot of the energy landscape of the Dominican Republic, a Caribbean nation that shares the island of Hispaniola with Haiti to the west. In 2014, the Dominican Republic's utility rates were approximately \$0.19 per kilowatt-hour (kWh), 1 below the regional average of \$0.33/kWh.

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.

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.

Which sector consumes the most energy in the Dominican Republic?

Transport: this sector consumes the most energy in the Dominican Republic yet national energy plans do not consider renewables deployment for the sector. Liquid biofuels could replace gasoline and diesel but no market exists. Demand needs to be created by setting targets.

Does the Dominican Republic rely on fossil fuels?

The country relies heavily on fossil fuel imports, which account for nearly all of its primary energy supply at present. The Dominican Republic has set ambitious targets to reduce its per capita greenhouse gas (GHG) emissions.

How does the Dominican Electricity Company work?

The Dominican Transmission Electricity Company operates interconnected transmission and runs high-voltage electric transmission projects, while state-owned distribution companies serve three regions of the country.

According to the "2023 Climatescope Ranking" by Bloomberg New Energy Finance (BNEF), which assesses the attractiveness of markets for foreign investment in energy transition, the Dominican Republic has improved its international standing. It moved from 45th to 43rd place out of 140 countries.

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 ...

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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]

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Dominican Republic: 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.

As a Small Island Developing Nation (SID), the Dominican Republic faces unique challenges that jeopardize its energy security. The threats posed by climate change are particularly concerning for economies like the Dominican Republic, which are more vulnerable to its effects. These climate impacts are expected to

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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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