

What is Curacao's energy policy?

In 2009, Curacao developed an energy policy document, which sets out general guidance and governing principles for further study of energy issues.<sup>4</sup> It suggests the goal of reducing energy consumption by 40% by 2020 and encourages the investigation of combining wind power with storage to provide 100% of the island's energy needs.

Why does Curacao use wind energy?

Curacao's long history with wind energy has provided it with valuable experience in integrating variable energy resources into the electrical system while also demonstrating the value of avoiding petroleum-based electricity generation.

Does Curacao need electricity?

Like many island nations, Curacao is highly dependent on imported fossil fuels (more than 95% of the island's electricity is generated using petroleum-based fuels), leaving it vulnerable to global oil price fluctuations that directly impact the cost of electricity.

How many wind turbines are there in Curacao?

Curacao features two of the oldest but most productive wind energy installations in the Caribbean. The first installation, a 12-turbine, 3-MW facility, was placed in service at Tera Kora in 1993.<sup>15</sup> This was followed by an 18-turbine, 9-MW installation at Playa Kanoa in 2000.

Does Curacao export oil?

\*Most of Curacao's oil imports are feedstocks for the island's large, export-focused refining operation. The net export value of petroleum products totaled 14.0% of GDP in 2012. The electric utility for Curacao is the Curacao Water and Power Company, more commonly referred to as Aqualec- tra.

Does Curacao have a net metering program?

In 2011, Curacao launched a net metering program for distributed wind and solar generation systems.<sup>11</sup> Residential systems smaller than 10 kilowatts (kW) and commercial systems smaller than 100 kW were eligible to participate. At the same time, large commercial customers could apply for a feed-in tariff for systems up to 1 MW in size.

The Regulatory Authority of Curaçao (RAC) has published the first "Curaçao Energy Report 2023". The report provides an overview of the scope and developments within the energy sector on Curaçao. More specifically, the report zooms in on the distribution of fuels for transport, domestic use and electricity generation as well as the ...

This profile provides a snapshot of the energy landscape of Curacao, an autonomous member of the Kingdom

of the Netherlands located off the coast of Venezuela. Curacao's residential utility rates are approximately \$0.35 per kilowatt-hour (kWh).

Kiri Energy (Kiri) specialises in the provision of renewable energy solutions, distributed micro-generation, and temporary power solutions. Our business is founded on offering specialist energy solutions and innovative renewable energy alternatives.

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this document is for general information purposes only.

**Energy Snapshot Curacao** This profile provides a snapshot of the energy landscape of Curacao, an autonomous member of the Kingdom of the Netherlands located off the coast of Venezuela. Curacao's utility rates are approximately \$0.26 per kilowatt-hour (kWh), below the Caribbean regional average of \$0.33/kWh. Like many island

This National Energy Policy for Curaçao sets the objectives and priorities for developing Curaçao's energy sector into a sustainable energy system. This policy aims at making Curaçao's energy sector more efficient, more transparent for stakeholders and less dependent on petroleum fuel imports.

The government of Curaçao has established a series of policy objectives as part of the National Energy Policy for Curaçao which includes the focal points and priorities for developing Curaçao's energy sector into a sustainable, efficient and transparent energy system.

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

The Regulatory Authority of Curaçao (RAC) has published the first "Curaçao Energy Report 2023". The report provides an overview of the scope and developments within the energy sector on ...

This profile provides a snapshot of the energy landscape of Curacao, an autonomous member of the Kingdom of the Netherlands located off the coast of Venezuela. Curacao's utility rates are approximately \$0.26 per kilowatt-hour (kWh), below the Caribbean regional average of ...

Web: <https://gennergyps.co.za>