

How much electricity does French Polynesia use?

Hydroelectricity accounts for 23% of the electricity mix in French Polynesia. It is the first renewable energy source in French Polynesia with an installed capacity of 49.3 MW. Solar water heaters produce hot water using solar energy. In 2019, the electricity consumption saved is approximately 22 GWh, i.e. 3% of electricity consumption.

Does French Polynesia rely on hydrocarbons?

French Polynesia, like most island territories, is highly dependent on hydrocarbon imports. In 2019, 93.8% of energy consumed in the archipelagos came from imports of various petroleum-based fuels. The renewable energy penetration rate in power generation stood at 28.78% in 2019. This figure has remained stable over the last five years.

Is biomass a source of electricity in French Polynesia?

Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important source in lower-income settings. French Polynesia: How much of the country's electricity comes from nuclear power? Nuclear power - alongside renewables - is a low-carbon source of electricity.

What is French Polynesia's energy transition plan?

French Polynesia's energy transition plan has three main objectives: Change the energy model, by gradually replacing the use of fossil fuels with renewable energies in all activities

What is energy production in Tahiti?

is the production of electricity of net thermal origin related to the combustion of fuel oil for Tahiti and diesel in the islands. energies in the electricity mix, thanks in particular to the production of hydroelectricity and electricity from photovoltaic sources.

What is PEC in French Polynesia?

In French Polynesia, mainly crude oil and its derivatives, hydraulic power and solar radiation PEC is expressed in tonnes of oil equivalent (toe), unit that allows the different energies to be compared in relation to their intrinsic characteristics. litres of hydrocarbons were imported in 2019 in French Polynesia. is the dependency rate.

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

Tahiti, the main island of French Polynesia, aims to generate half of its electricity from renewable sources by 2020. Among the initiatives aiming at green energy independence, two micro-turbines were set up on the



French Polynesia evervolt green energy

drinking water network of Titioro valley.

Understand how electricity generation changed in French Polynesia since 2000. Develop a data-based Opinion with Low-Carbon Power & Monitor the Transition to Low Carbon.

Energy influences all aspects of economic life for households, businesses, and communities, making it a top national policy issue around the world. What are the

AFD and the Polynesian authorities have jointly defined a support program to assist French Polynesia with its energy transition. By 2030, the renewable energy penetration rate in power generation will reach about 75%.

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French Polynesia. Key Data. General information: Constitutional status: overseas collectivity; Land area: 3,521 km²; Exclusive Economic Zone: 4,793,620 km²; Population: 278,786; GDP per capita in 2009: 16,760 (EUR) CO₂ eq emissions: 1.17 Mt/year; Energy transition: Installed capacity in 2019: 321 MW; Power generation in 2020: 665 GWh

Approximately 6% of primary energy in French Polynesia is generated from renewable energy sources. [1] Approximately 30% of electricity is generated renewably, primarily Hydroelectricity and solar power. [1] Renewable generation is concentrated on Tahiti, with other parts of French Polynesia almost entirely reliant on fossil fuels. [2]

Electricity production in French Polynesia is still heavily dependent on fossil fuels despite the development of renewable energy sources (REn). Electricity production and consumption are unevenly distributed over the territory as they are correlated with the geo-

French Polynesia: 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.

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