

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

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 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.



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]



As of 2022, the electricity consumption in French Polynesia predominantly relies on fossil fuels, accounting for over two-thirds or approximately 67% of the total electricity generation. The remaining portion, nearly a third, comes from low-carbon or clean sources.



Environ 6% de l'énergie primaire en Polynésie française est produite à partir de sources d'énergies renouvelables en 2023 . Environ 30 % de l'électricité est produite de manière renouvelable, principalement via une production d'énergie hydroélectrique et d'énergie solaire . La production d'énergie renouvelable est concentrée à Tahiti, tandis que d'autres parties de la Polynésie française dépendent presque entièrement des combustibles fossiles . L'énergie pétrolière n'est pas



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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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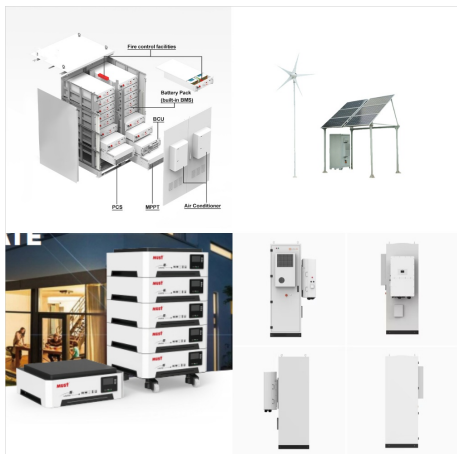
French Polynesia consumed 15,199,494,000 BTU (0.02 quadrillion BTU) of energy in 2017. This represents 0.00% of global energy consumption. French Polynesia produced 1,937,494,000 BTU (0.00 quadrillion BTU) of energy, covering 13% of its annual energy consumption needs.



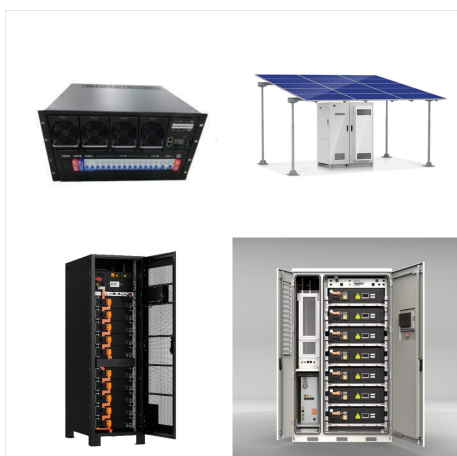
French Polynesia COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2020 Renewable energy supply in 2020 95% 5% Oil Gas Nuclear Coal + others Renewables 79% 0% World Fr Polynesia Biomass potential: net primary production Indicators of renewable resource potential Fr Polynesia 0% 20% 40% 60% 80%



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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%.