

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.

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.

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.

Dans le cadre de sa politique de développement des énergies renouvelables, la Polynésie française avait lancé, en 2021, un appel à projets portant sur la rationalisation et ...

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Figure 1: Primary energy consumption in French Polynesia in 2019 Primary Energy Consumption (PEC) represents all unprocessed, directly exploited or imported energy products. In French ...

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sources d'énergies renouvelables en 2023 [1]. Environ 30 % de l'électricité est produite de manière ...

Gagner de l'argent en produisant de l'électricité solaire, c'est la promesse du photovoltaïque. Mais entre rentabilité, largement surestimée, abus ou même arnaques, gare à la désillusion ! Les experts de l'UFC-Que Choisir vous ...

Gilles Notton, Jean-Laurent Duchaud, Marie Nivet, Cyril Voyant, Alexis Fouilloy, ' The electrical energy situation of French islands and focus on the Corsican situation '187,, ...

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 oléenne n'est p...

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