## **SOLAR PRO.** Jersey energy storage wind turbine

#### Will Jersey create an offshore wind farm?

A proposal to create an offshore wind farm off Jersey's coast is due to be debated by the island's government this week. An offshore wind farm off the south-west coast was proposed in 2023 to generate " around six times" the island's current electricity demand.

#### Will a wind farm generate 6 times Jersey's current electricity demand?

An offshore wind farm off Jersey's south-west coast has been proposed to generate " around six times" the island's current electricity demand. Environment Minister Deputy Jonathan Renouf has put forward plans to provide " significant environmental and economic benefits" to Jersey. Mr Renouf said the wind farm should be privately funded and designed.

#### Can offshore wind power Jersey?

The proposed wind farm, with a capacity of up to 1,000MW, would produce enough electricity to meet Jersey's needs with any extra power being exported. In April 2024, the States Assembly agreed that: Offshore wind can present significant opportunities and benefits for Jersey. These include:

#### What are Jersey's offshore wind proposals?

J ersey's offshore wind proposals In October 2023,the Council of Ministers announced plans for an offshore wind farmthat could be built in the southwest of Jersey's territotial waters. The project could offer significant environmental and economic benefits for the Island.

#### Could an offshore wind farm be a 'incredible opportunity'?

An offshore wind farm off the south-west coast was proposed in 2023 to generate " around six times" the island's current electricity demand. Islanders have weighed in on the plans, with one saying it could be an " incredible opportunity". Deputy Steve Luce, Minister for the Environment, said though originally sceptical he was now a supporter.

#### Could Jersey benefit from green energy?

Chris Ambler, chief executive of Jersey Electricity (JE), said the island could benefit from the green energy, but that it depended on where the power was brought ashore. He said: " You're only going to achieve that diversification if we beach some of the power into Jersey.

Clean, Renewable Energy: The wind farm will harness the power of the wind, generating clean and renewable energy that will help reduce our reliance on fossil fuels. This not only curbs harmful emissions but also contributes to a more sustainable global energy landscape.

The impact on electricity prices of building new offshore wind or tidal power installations in a jurisdiction of Jersey's size is significant. This impact is due to the current cost of technology available, absence of

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Government subsidy and low cost of our existing imported power.

An offshore wind farm, with the potential to provide significant environmental and economic benefits for Jersey will be built in the southwest of the Island's territorial waters, under proposals announced today (Tuesday 17 October 2023) by the Council of Ministers.

development of up to 100 0MW should be encouraged in order to meet the needs of islanders, power our future economy and create energy for export; the government should bring forward appropriate policy and legislation, in 2024, to set in place a process to lease, consent, regulate and decommission a wind farm

Jersey could be self-sufficient for energy within a decade if plans to build a large offshore wind farm to the west of the island are progressed. For the first time, Jersey Electricity believe such a project could be economically and technologically viable.

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The prospect of a wind farm being built in Jersey"s waters which would generate six times the island"s current electricity demand moved a significant step forward today, when the Government formally launched its intent.

Jersey should pursue the opportunities arising from the development of offshore wind in the south-west of its territorial waters; development of up to 1000MW should be encouraged in order to meet the needs of Islanders, power our future economy and create energy for export

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