

St Helena will use a mixed model approach to become self-sufficient in energy production through increasing renewable energy production, reducing the use of fossil fuel to overtime become carbon neutral while having a positive social, economic and environmental impact. Deliverables of the strategy 12.

St Helena's energy strategy will aim to improve the social and economic well-being of its population, and minimize the impact on the environment. It will increase the production of energy through renewable sources, and reduce the island's reliance on imported fuels, increase fuel security and prize stabilization Deliverables of the strategy 12.

To become completely energy independent however, St. Helena's electrical grid must be substantially overhauled to be able to support new renewable generators and storage elements, together with demand-side management of large industrial loads and intelligent residential usage.

This document sets out a plan for phased delivery of improvements in the energy sector on St Helena, particularly to support plans for energy transition on St Helena. The Energy Delivery Plan recognises that globally countries are making every effort to reduce

Connect Saint Helena Ltd generates electricity in 3 ways: Diesel Powered Generators at the Power Station in Ruperts; Wind; Solar; Electricity from Diesel At present approximately 75% of the islands electricity is generated from burning fossil fuel (diesel). We have 4 generators which have a total capacity of 5,400kW.

We offer CNC machining services for many wind energy equipment components, including open air and marine turbines, bearings, and blades. We can produce components from an array of materials to ensure durability and optimal operation under prolonged pressure and in harsh outdoor or marine environments.

The goal is to increase the production of renewable energy resources, reduce the consumption of imported fossil fuels, thus increasing the production of local electricity. The company contributes to the use of "green" energy production and is interested in further development in this area.

Connect Saint Helena Ltd (Connect) has today signed a Power Purchase Agreement with PASH Global to provide wind turbine, solar power and battery storage capacity to St Helena, significantly increasing the amount of renewable energy capacity on the Island and resulting in the majority of the Island's energy needs being met by renewable sources.

In April 2018 the Government of St Helena announced it had chosen a supplier to provide a renewable energy solution for St Helena, aiming for 100% renewable electricity by 2027. After lengthy contract negotiations it was announced on 29 th May 2020 that an agreement had been signed with PASH Global .



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