

Saint Helena value solar power



100-430KWH

230|400V





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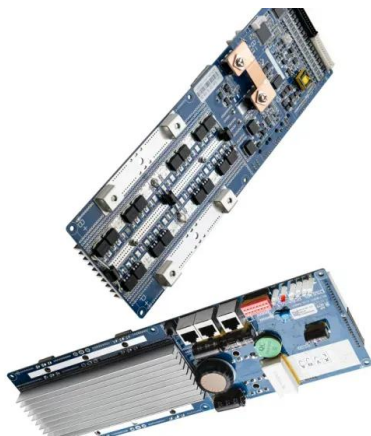


Solar Power

The electricity generation data for all our solar sites is publicly accessible on line. To find out how to access this information, please see the article Sunnyportal - Solar Energy. Below is a graph showing the amount of electricity (kWh) generated by means of our solar systems since Connect's start in April 2013.

Analysis of the Transition to 100% Renewable Energy on St. Helena

Most electricity is generated through thermal engines, although small wind and solar farms (Figure 1) are used to augment these, currently contributing 30% of the annual electrical energy demand. SHG has set an ambitious target for all of its electrical power to be sourced from renewables by 2022 [1].



PPA signed for solar-wind-storage microgrid on Saint Helena

The agreement with Connect Saint Helena Ltd includes a microgrid for the South Atlantic island that combines a 568 kWp/500 kW solar farm; a three-turbine, 2.7 MW wind farm; and a 3.2 MWh/3.5

Napoleon's place of exile gets solar: Solar energy by SolarWorld on St ...

Going forward, the island of St Helena in the Atlantic Ocean will now be able to supply more



than a third of its energy needs from renewable sources. SolarWorld has provided the modules for the two largest solar power plants on the island. St Helena became famous as the place of exile of Napoleon Bonaparte.

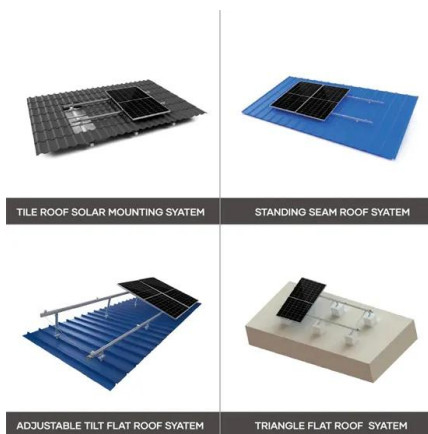


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Our current renewable energy sources

You can access data about the energy generated from the 'farm' at (click on 'Publicly available PV systems' then find St Helena). PASH Global. 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.



NEW SOLAR FARM FOR ST HELENA

ExCo was very supportive of this proposal as solar generated electricity reduces the Island's reliance on diesel imports for power generation. This new project will place St Helena at the forefront of renewable energy technology, and work to identify the most suitable site on the Island has now been completed.



Electricity Generation

These solar installations generate approximately 5% of the island's electricity. The below graph shows the amount of electricity (kWh) generated by means of diesel, wind and solar since Connect's start in 2013.



St Helena Energy Strategy

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,

ENERGY DELIVERY PLAN

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 Signs Contract With PASH To Meet ...

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.



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