

Aelectric renewables Cook Islands

Will the Cook Islands use renewable electricity?

The Cook Islands will be careful in its selection of renewable electricity options and will not entertain unproven or non-commercial technologies. The attached Summary Table provides some indicative and preliminary information on the types and costs of the renewable electricity technologies we are considering.

What is a Cook Islands renewable electricity chart (road map)?

This document is called the Cook Islands Renewable Electricity "Chart". Other countries have called similar documents a "Road map" - and these are countries that are either landlocked or have many kilometres of road between settlements. Our environment is different. We have many kilometres of sea between islands.

How will electricity tariffs be reviewed in the Cook Islands?

Electricity tariffs will be reviewed so that they, as a minimum, ensure on-going operational viability and account for disadvantaged sections of communities. The Cook Islands Government will review the institutional arrangements to best achieve the 50/15 - 100/20 renewable electricity policy goals for the electricity sector.

Does the Cook Islands have solar power?

The Cook Islands Electricity Sector historically been powered by diesel generators. Since around 2011, increasing solar PV generation on Rarotonga has changed this situation. And in 2014- 15, installation of 95-100% renewable solar hybrid systems on the Northern Group Islands further altered the mix.

What sectors rely on imported energy in the Cook Islands?

There are three main sectors dependent on imported energy in the Cook Islands; these include transport, electricity and aviation. Of the total number of imported fuels into the country, 43% is used by transport; 30% by aviation and 27% by electricity.

Where are solar panels installed in the Cook Islands?

The Cook Islands is a recipient of the Fund and has committed to installing Solar (PV) systems for the islands of Rakahanga, Pukapuka, Nassau, Suvarrow and part of Manihiki.

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This Cook Islands Renewable Electricity Chart ("Renewable Electricity Chart") sets out the Government's

high level and strategic direction for the electricity sector in the form of energy policy governing principles, renewable electricity policy goals,

Renewable Energy Development Monitoring and maintenance on the Northern Group Renewable Energy Project Procurement, installation and commissioning of the Southern Group Renewable Energy Project Review Energy Efficiency Policy for electrical appliances and transport sector Facilitate renewable energy donor funding projects under Green Climate Fund and Global ...

Renewable energy in the Cook Islands is primarily provided by solar energy and biomass. Since 2011 the Cook Islands has embarked on a programme of renewable energy development to improve its energy security and reduce greenhouse gas emissions, with an initial goal of reaching 50% renewable electricity by 2015, and 100% by 2020. The programme has been assisted by ...

This project was conducted for the Cook Islands Electricity Utility and involved reviewing their current grid-connection policy, developing grid stability policy recommendations, developing renewable energy policy, advising on pricing ...

Although nearly all households in the Cook Islands are connected to grid electricity, only 5.5% of households have additional solar photovoltaic systems installed, and 1% use small diesel generators. Several actions have taken place throughout the islands to increase the uptake of renewable energy.

These need to be carefully planned out in accordance with the Cook Islands Renewable Energy Chart Implementation Plan (CIRECIP), so as to minimise a range of potential technical and commercial issues.

In May 2012, Ministers representing a group of the Small Island Developing States (SIDS) agreed to the Barbados Declaration, which included a declaration on renewable energy targets by Pacific Island Countries (PICs), seven of which declared an ambitious target to generate 100% of their electricity from renewable technologies. The Cook Islands, Niue and Tuvalu have set a goal of ...

Prepared by Hydro-Electric Corporation ABN48 072 377 158 t/a Entura, Level 25, 500 Collins St. ... Cook Islands renewable energy sector project - Aitutaki Subproject Feasibility Revision No: 3 509673 28 October 2016 iv D.1 Economic costs D.1.1 Project options D.1.2 Sustainability

The Cook Islands Renewable Electricity "Chart" is a 10-years renewable energy plan. It sets out the Government's high level and strategic direction for the electricity sector in the form of energy policy governing principles, renewable electricity policy goals, supporting principles of those policy goals, and implementation strategies.

Over the last five years the Cook Islands have made huge strides to reach its national electricity target of 50% of islands converted to renewable energy sources by 2015, with the remaining ...



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