

# **Install a solar panel Cook Islands**





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### Renewable energy in the Cook Islands

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, [1] with an initial goal of reaching 50% renewable electricity by 2015, and 100% by 2020. [2]

### Solar System Installers in Cook Islands , PV Companies List , ENF

List of Cook Island solar panel installers - showing companies in Cook Islands that undertake solar panel installation, including rooftop and standalone solar systems.



### The Cook Islands go solar

Like a number of other remote island communities, The Cook Islands have decided to get rid of expensive diesel power and go to 100% solar within the next few years. To do this they are constructing solar arrays backed up with small amounts of Li-ion battery storage which they believe will overcome the solar intermittency problem.

### Request for Quotes: Solar Engineering Services , Cook Islands



The services under this RFQ are focused around defining the scope of solar power installations at each location and preparation of the required tender documentation. The Engineer will deliver the following outputs:



### **Cook Islands - 100% Renewable Energy Atlas**

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.

### **Rarotonga Airport PV Installation, Cook Islands**

Rarotonga Airport PV Installation, Cook Islands In March 2014, Infratec was awarded a \$3.3m contract to build a 961kW solar photovoltaic array at the Rarotonga Airport by NZ Ministry of Foreign Affairs and Trade.



### **Appendix 2: Flora and Fauna Assessments**

install solar photovoltaic power stations on Rarotonga, Aitutaki, Atiu, Mitiaro, Mangaia and Mauke. Construction of the solar photovoltaic power station at Mangaia will include the clearing and levelling of land for the installation of solar panels and a new solar power house containing batteries and inverters.



## **Solar Photovoltaic Power Generation Enterprises in the Cook Islands**

Solar-plus-storage for the Cook Islands Around 4.2 MWh of energy storage capacity will be connected to a solar and diesel micro-grid on Rarotonga, the largest of the islands in the South Pacific nation.



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