

Profitability of the Nauru Energy Storage Power Station

How is Nauru moving in the energy sector?

In the energy sector, Nauru is moving along in a process of shifting from what amounted to a system of free electricity to tariffs that recover the real cost of power.

How can Nauru reduce its reliance on fossil fuels?

In order to achieve Nauru's ambitious goal of reducing the country's high reliance on imported fossil fuel by meeting 50% of its energy needs from renewable energy sources by 2015,¹ the Nauru Government requested technical support from GIZ, SPC and IRENA in the development of a Nauru Energy Road Map in early 2012.

How much does energy recovery cost in Nauru?

Full cost recovery is estimated to be between 0.45 and 0.49 AUD per kWh. Due to the major structural changes taking place in the Nauru economy in particular the reopening of the Regional Processing Centre (RPC), accuracy is very low for forecasting future energy use. In 2012, SPC released 36 energy security indicators for Nauru.

Does Nauru have an energy road map?

Currently Nauru is working on an Energy Road Map, including action plans for the development of renewable energy and energy efficiency sufficient to significantly lower imports of diesel fuel for electricity generation.

Why is Nauru so vulnerable to solar energy?

Solar energy is the only proven renewable energy resource which could be utilised in short to medium term to reduce dependency on fuel imports for electricity generation. The country's vulnerability is also increased by its isolation from other Pacific Islands. In 2012, SPC released an energy profile of Nauru based on 36 energy security indicators.

Does Nauru have a subsidized electricity tariff?

The subsidized electricity tariff, conversely, is the lowest in the region (USD 0.10 /kWh), making the use of electricity for cooking artificially cheaper than LPG, at a high cost for the government budget. Nauru's electricity supply comes from a single power station operated by NUC.

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