

## European Solar and Energy Storage Solutions

# Nauru centric energy



## Overview

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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.

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,<sup>1</sup> the Nauru Government requested technical support from GIZ, SPC and IRENA in the development of a Nauru Energy Road Map in early 2012.

What type of energy is used in Nauru?

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass – the burning of charcoal, crop waste, and other organic matter – is not included. This can be an important energy source in lower-income settings. Nauru: How much of the country's energy comes from nuclear power?

Does the NUC provide electricity to Nauru?

The NUC currently provides all electricity services to Nauru except for the RPC and the main processing plant of RONPHOS which both generate their own power. Diesel, petrol and jet fuel are purchased by the government for all customers except RONPHOS who do their own purchasing.

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.

How did Nauru get its electricity & water services?

Until 2005, the Nauru Phosphate Corporation provided all the island's electricity and water services. In 2005 the Nauru Utility Authority (NUA) was formed to separate the water and electricity utilities function from the phosphate corporation. It was later decided to corporatize NUA and the Nauru Utilities Corporation (NUC) was created.

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### Department of Climate Change and National Resilience (DCCNR)

The Energy division at the DCCNR is responsible for the formulation, monitoring and review of national level energy policies, strategies, action plans and legislations. Their goal is to provide a reliable, affordable, secure and sustainable energy supply to meet the socio economic development needs of Nauru.



### Review of the Nauru Energy Road Map 2014

The Nauru Energy Road Map (NERM) 2014 - 2020 was developed in 2013-14. This report reviews this document and its implementation to 2017 with the aim of facilitating feedback to inform the development of the updated NERM 2018 to 2020. The Republic of Nauru is the smallest state in the Pacific with an area of around 21 km<sup>2</sup> and a

## ENERGY PROFILE Nauru

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided



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## Home (Data Centre)

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## A people-centric energy transformation

A people-centric energy transformation. By H.E. Leila Benali. global energy agenda. global energy forum. H.E. Leila Benali is the minister of energy transition and sustainable development of Morocco and president of the UN Assembly for Environment. This essay is part of the Global Energy Agenda.



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## Home , Centric Energy Systems

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## Nauru: Energy Country Profile

Nauru: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page

provides the data for your chosen country across all of the key metrics on this topic.



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energy monitoring, energy conservation data collection, and much more.



## Nauru Energy sector overview , Pacific Environment Data Portal

Energy sector landscape covering supply and demand and institutional arrangements; Experience, potential and challenges in the use of renewable energy and energy efficiency; and, Data needs for the energy road map and beyond.

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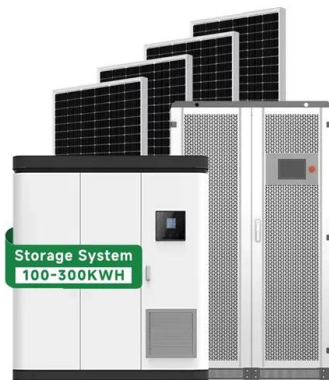
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