# **SOLAR PRO.** Solar energy builders Nauru

## Who will implement solar project in Nauru?

The executing agency will be the Department of Finance and Sustainable Development. The implementing agency for solar component of project will be the Nauru Utilities Corporation (NUC). NUC will establish a project management unit within their existing organisational structure to implement the project.

#### Does Nauru need solar power?

"Now Nauru's power generation mainly relies on diesel. That's expensive and would pollute the environment," said John Scott,who has been working for the project since 2022. "There is a lot of sunshine here and it's good for solar power. I believe electricity supply here will be much better when the project is completed," Scott told Xinhua.

## How will ADB support the Nauru solar power development project?

ADB also provided GoN support to prepare a Feasibility Studyfor the recommended Nauru Solar Power Development Project which will comprise of a 6 megawatt PV plant coupled with a 5 megawatt /2.5 megawatt-hour battery energy storage system coupled with a SCADA installation.

### Who owns Nauru electricity?

The Nauru electrical network is owned and operated by Nauru Utilities Corporation(NUC), a state-owned enterprise, established under the Nauru Utilities Corporation Act of 2011. NUC is responsible for energy generation and energy distribution, and water supply. Nauru predominantly sources its energy through diesel power generators.

#### How does Nauru get its energy?

Nauru predominantly sources its energy through diesel power generators. About 5% of its current energy demand is sourced from renewable energy, of which all is from solar power photovoltaic (PV) installations. A 500-kW ground-mounted solar installation was commissioned in 2016, and a number of residences have rooftop solar PV installations.

#### What is the impact of Nauru energy project?

The project impact is a reliable, affordable, secure, and sustainable energy supplyto meet the socio-economic development needs of Nauru. The outcome of the project will be that NUC, the state-owned power and water utility, will supply reliable and cleaner electricity.

On July 3, 2020, China Harbor Company successfully won the bid for the solar development project in the Republic of Nauru. This project is the first comprehensive solar energy storage project won by the company.

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Homebuilders can inform consumers of the long-term savings on monthly utility bills that ultimately pay for the solar energy system. That information, along with much more about how solar energy will impact a home"s value, can be found ...

Since China and Nauru restored diplomatic ties earlier this year, bilateral win-win cooperation has rapidly expanded, yielding beneficial outcomes for local communities. Nauru, with its beautiful ...

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Together, GHD teams New Zealand, the Philippines, Australia, and the UK, with support from local team members in Nauru, have prepared a Solar Expansion Plan and Feasibility Study for a grid-connected solar power plant and a battery ...

The project also included renewable energy projects in the Republic of the Marshall Island, Federated States of Micronesia, the Republic of Palau. The 1.15 MW solar array constructed in Nauru consists of 3200 360W ...

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