

## Solar Energy South Africa

# New Caledonia solar project in



## Overview

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What will Prony resources New Caledonia do with solar energy?

Per a 25-year renewable power purchase agreement, the clean energy produced from the solar projects will supply power to industrial operations of Prony Resources New Caledonia. TotalEnergies will use its expertise in solar projects to build a 160-MW solar project, with the first phase of 30 MW expected to come online by 2023.

How many solar panels does New Caledonia have?

Equipped with more than 58,000 solar panels, the plant has installed capacity of nearly 16 megawatts-peak (MWp), enough to cover the energy needs of over 21,000 residents of New Caledonia. The plant will feature a lithium-ion energy storage system (ESS) with a capacity of nearly 10 MW.

What will totalenergies do in New Caledonia?

Noumea, December 20, 2021 - TotalEnergies will develop a series of photovoltaic and energy storage projects in New Caledonia in order to deliver decarbonized electricity via a 25-year renewable power purchase agreement (PPA) for the industrial operations of mining and metallurgy consortium Prony Resources New Caledonia.

What is New Caledonia Energy?

New Caledonia Energy is the entity responsible for developing the project for the new power station that will supply the energy for Société Le Nickel (SLN). The current power station is nearly 50 years old and is highly polluting. The ultimate goal is to have a carbon-neutral plant by 2030, which would be a world first in the mining sector.

Will totalenergies build a 160-MW solar project in New Caledonia?

TotalEnergies will use its expertise in solar projects to build a 160-MW solar project, with the first phase of 30 MW expected to come online by 2023. Once

this project is fully operational, it will be sufficient to meet 67% energy needs of Prony Resources New Caledonia and significantly lower carbon emissions.

Why do we support New Caledonia's energy transition?

We are very proud to support their energy transition, and that of New Caledonia," said Thierry Muller, CEO of TotalEnergies Renewables France. "As industrial firms, we think and act responsibly. Our two companies are committed to protecting natural resources and biodiversity, and to improving the situation of local communities.

## New Caledonia solar project in

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### TotalEnergies to develop 160 MW solar power and energy storage project

TotalEnergies is developing a 160-megawatt solar project in New Caledonia as part of a 25-year renewable-power purchase agreement with mining and metallurgy consortium Prony Resources New Caledonia.

### All In One Solar Street Light Project in New Caledonia

Goldsuno, a global well known solar street light supplier, provides the newest solar street light projects in New Caledonia. Shenzhen Goldsuno Opto-electronic Technology Co.,Ltd Established in 2007 , Factory Area 5000 sqm , Annual Export US \$10,000,000



### Renewable energy projects in New Caledonia

We are at your side to create, build and maintain solar solutions in New Caledonia and the Pacific. Our proven experience and know-how allow us to offer you high-performance and reliable technologies, designed to last over time.. Your project, our commitment: AMBI Energy supports you towards safe and reliable renewable energy.

[Solar street lighting in New Caledonia](#)

Learn about our flagship solar street lighting projects installed around the world. See more. Applications. Applications. Our solar street lights allow for multi-application projects (parking lots, roads, traffic circles, greenways, seaside, etc.) Solar street lighting in New Caledonia: Fonroche Lighting lights up Nouméa's city stadium. In



## Total Quadran of 16MWp Hélio Boulouparis 2 solar park in France

The solar facility comprises over 58,000 solar panels, which produce enough electricity to cover the needs of more than 21,000 people in New Caledonia. Hélio Boulouparis 2 solar project also features a lithium-ion energy storage system (ESS) with ...

## Akuo Energy enlisted for 150MWh BESS in New ...

"We want to advance this project to decarbonise New Caledonia's energy mix as well as offer a cheaper tariff to its inhabitants and to the megallurgical industry to keep their factories in business," Gygès said.



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- ✓ All in one
- ✓ 100-215kWh High-capacity
- ✓ Intelligent Integration

## New Caledonia , Clean energy for EU islands

New Caledonia is a French territory made up of a group of islands and archipelagoes of Oceania, located in the Coral Sea and the South Pacific Ocean. A number of renewable energy projects have been authorised in this context, including solar roof systems. A wind farm of 20MW is

currently under construction in Yaté (completion in late 2019)

## EGE Solar Project for Medical City in New Caledonia

The primary challenge of this project was ensuring continuous electricity supply for the medical center, which is crucial for the functioning of ICU and other critical medical equipment. Additionally, the project had to address the logistical complexities of transporting and installing solar panels in a remote location like New Caledonia.

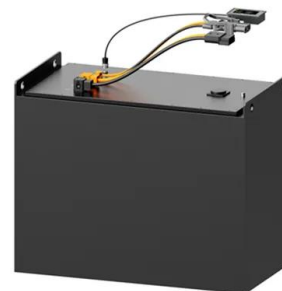


### [New Caledonia, Karikaté](#)

Eco Green Energy is glad to bring good news about the completed solar project in New Caledonia. Our distributor, Elektrik Solar Energie, used EGE brand 330w PV modules for industrial purposes. Now, the photovoltaic project of 138Kw is located in a charming city Karikaté. Furthermore, we sincerely appreciate being present in the New Caledonian.

### [ENERGY PROFILE New Caledonia](#)

New Caledonia COUNTRY INDICATORS AND SDGS  
 TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021  
 54% 41% 6% Oil Gas Nuclear Coal + others  
 Renewables 61% 5% 30% 4% Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity



## Power plant profile: Enercal Poya Solar PV Park, New



## Caledonia

Enercal Poya Solar PV Park is a ground-mounted solar project which is planned over 142,790 square meters. The project is expected to generate 48,600MWh electricity to offset 35,808t of carbon dioxide emissions (CO<sub>2</sub>) a year. The solar power project consists of 57,690 modules. Development status The project construction is expected to commence

## Total Inaugurates New Caledonia's Largest Solar Power ...

Equipped with more than 58,000 solar panels, the plant has installed capacity of nearly 16 megawatts-peak (MWp), enough to cover the energy needs of over 21,000 residents of New Caledonia. The plant will ...



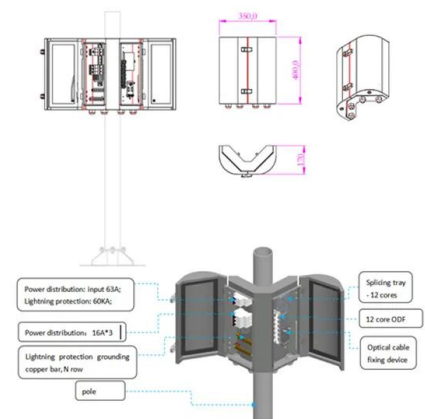
## Lifou island, New Caledonia: 100% Renewable Energy by 2020

The first phase of the project consisted in increasing solar power production facilities. Alizés Energie built 6 solar farms throughout Lifou island representing a total of 960 kWp (kilowatt-peak) of power, which boosted the previously existing installations (2 ...

## [New Caledonia \(1\)](#)

We are excited to share the latest solar project completed for the Medcity medical center by our trustful distributor, Socometra ENGIE Solutions. The installation consists of 360 supreme quality EGE EOS Mono 330w panels with a total capacity of 118kW. The development of clean energy in

New Caledonia is still limited but with high potential



## Vertical solar led street light in New Caledonia

This project is located in a Mine area in New Caledonia. Because there is a lot of dust all the day round, so the regular solar panel could be effected if too much dust fall on. Vertical solar module does not have such problem.

## Total Opens New Caledonia's Largest Solar Power Plant With

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French oil and gas major Total has this week inaugurated the Hélio Boulouparis 2 solar project in New Caledonia, the largest solar power plant in any French overseas territory. The Hélio Boulouparis 2 project consists of over 58,000 solar panels with a cumulative peak capacity of 16 MW - enough to cover the energy needs of over 21,000



## Total opens New Caledonia's largest solar power plant with

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Total Quadran now manages 7 solar power plants in New Caledonia with a cumulative capacity of 50MW. This latest New Caledonia

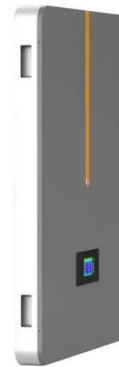
solar project is the second Boulouparis project, joining a 11 MW



 **LFP 280Ah C&I**

## Horseshoe Solar receives final siting permit; construction ...

Horseshoe Solar, a 180 MW solar energy project being developed in the towns of Caledonia and Rush, was recently issued a final siting permit by New York State. Horseshoe Solar must still file final plans with the state Office of ...



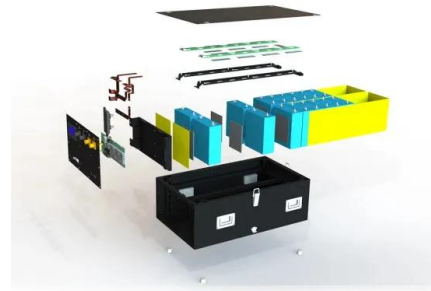
## TotalEnergies and Prony Resources Joins For The Energy ...

TotalEnergies will develop a series of photovoltaic and energy storage projects in New Caledonia in order to deliver decarbonized electricity via a 25-year renewable power purchase agreement (PPA) for the industrial operations of mining and metallurgy consortium Prony Resources New Caledonia.

## Power plant profile: Boulouparis Solar PV Park, New Caledonia

Boulouparis Solar PV Park is an 11.232MW solar PV power project. It is located in South Province, New Caledonia. According to GlobalData, who tracks and profiles over 170,000 power plants

worldwide, the project is currently active. It has been developed in a single phase. Post completion of construction, the project got commissioned in May 2017.



## **AkuoCoop launches a fundraising campaign for the Kwita Wije solar**

Akuo supporting New Caledonia's energy transition. Kwita Wije is Akuo's third solar project in New Caledonia following the Focola Agrinergie® plant, inaugurated in February 2020, and Ouaco Agrinergie® plant, which injected its first electrons into the network in ...

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