

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), estimated to be enough to cover the energy needs of over 21,000 residents of New Caledonia. The plant will also feature a lithium-ion energy storage system 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 Sociétés 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.

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.

How does Prony resources contribute to New Caledonia's development?

A participant in the global energy transition, Prony Resources sustainably contributes to New Caledonia's development by processing its nickel and cobalt resources in accordance with the highest industrial and environmental standards.

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Hydropower, solar, and wind collectively account for close to 17% of electricity generation, with hydropower at more than 8%, solar power providing almost 7%, and wind energy supplying a little over 2%. This significant reliance on fossil fuels highlights the need for New Caledonia to shift towards cleaner energy

sources to combat climate ...

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Energy self-sufficiency (%) 3 6 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 ... Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity

TotalEnergies will build ground-mounted PV power plants and energy storage plants in New Caledonia between 2022 and 2025. The total generation capacity of the PV power plants is set at 160MW, and the total storage capacity of the ...

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