

# New Caledonia power works

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.

What is the New Caledonia energy transition scheme?

Guided by the Agence Calédonienne de l'Energie (ACE), the New Caledonia Energy Transition Scheme (STENC) defines the island's energy policy up to 2030.

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.

What is the role of the Caledonian Energy Agency?

The Caledonian Energy Agency's role is to implement the energy transition scheme set out by the government and to contribute to the development of the electrical system. It also promotes the rational use of energy and the development of renewable energies.

The Energy Transition Plan (STENC) defines New Caledonia's energy strategy for 2030. Adopted in June 2016, it constitutes the policy framework applicable until 2030. The STENC is structured around three main components: an extensive energy saving program, development of renewable energy to improve New Caledonia's energy self-sufficiency and a ...

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New Caledonia's energy mix is 97.7% fossil fuel, including 54.1% petroleum products (mainly fuel oil and diesel), 43.6% coal, and 2.3% renewable energies. This high energy dependence is directly linked to the metallurgical industry which consumes 61.2% of the total energy consumption of the territory.

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Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global distribution of wind resources. Areas in the third class or above are considered to be a good wind resource.

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New Caledonia: 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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By securing nickel in places like New Caledonia or Australia, then sending the mineral directly to its own battery-making facilities, Tesla would be able to reduce its shipping carbon footprint.



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