

Why is AfD cofinancing the largest solar power plant in New Caledonia?

AfD is cofinancing the largest solar power plant in New Caledonia to allow cleaner energy to be generated. 43,000 photovoltaic panels will be installed, with a capacity to produce electricity for the equivalent of 5,400 households.

What is New Caledonia's largest solar power plant?

The project involves building and operating a solar power plant with a capacity of 11.2 MWc in the South Province, in Boulouparis. The power plant, which is the largest existing solar facility in New Caledonia, comprises 43,000 panels covering 20 hectares. It was commissioned at the end of April 2017.

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.

Who owns New Caledonia's energy?

The energy produced will be sold via a long-term power purchase agreement to Enercal, a semi-public company majority owned by New Caledonia. A similar (but smaller) project has also been financed at the same time in Temala in the North Province. It is the first photovoltaic power plant on customary land.

It is planned in New Caledonia. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the permitting stage. It will be developed in multiple phases.

By combining solar energy and energy storage to replace electricity generated from coal, TotalEnergies is demonstrating its ability to provide a sustainable energy solution to Prony Resources New Caledonia while meeting demanding local, industrial, environmental and social requirements.

For that indicator, we provide data for New Caledonia from 1980 to 2021. The average value for New Caledonia during that period was 0.01 billion kilowatthours with a minimum of 0 billion kilowatthours in 1980 and a maximum of 0.18 billion kilowatthours in 2021.

Islands that depend heavily on diesel generators are looking to smart energy management systems and grid-forming inverters to increase renewable energy integration into their microgrids and deliver a stable power supply to their customers.

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EEC, a subsidiary of ENGIE Solutions, has been operating in New Caledonia since 1929 and manages electricity distribution in the municipalities of Nouméa, Mont-Dore, Dumbéa (partially), Bourail, Kaala-Gomen, Koumac, Canala and Lifou.

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Total Quadran, a wholly owned Total subsidiary, has brought online its Hélioparc 2, the second phase of the solar park which is the most extensive solar program ever carried out in New Caledonia. The first tranche, Hélioparc 1, ...

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