

SolarInnovate Energy Solutions

China solar powered generator in Nicaragua



Overview

According to an article by Yahoo News, on June 6, 2025, the state-owned company of the People's Republic of China, Communications Construction Company Limited (CCCC), began construction of a solar power plant in Nicaragua as part of a new joint project between the Central American country and China. Will China build a solar power plant in Nicaragua?

The Chinese state-owned company China Communications Construction Company Limited (CCCC) will build a photovoltaic solar power plant with a capacity of 67.3 megawatts in Nicaragua, the government of the Central American country announced on Monday.

Could Chinese investment boost solar power in San Isidro?

In San Isidro, a mountainous and rural municipality in northern Nicaragua's Matagalpa department, Chinese investment is helping to establish solar power – one of the latest arrivals in a wave of new projects announced in recent years, amid closer ties between the two countries.

Does Nicaragua have geothermal power?

The Maribios Range is part of the Pacific "Ring of Fire" and contains several active volcanoes. The government estimates Nicaragua's geothermal potential to be 2,000 megawatts. Nicaragua's National Electric Transmission Company (Enatrel) seeks to transform the country's energy mix by focusing on renewable energy with its 2022-2037 expansion plan.

How much energy does Nicaragua use?

According to the International Energy Agency, Nicaragua supplies around 60% of its total energy from renewable sources, including wind, solar and geothermal, with biomass – an often contested renewable – accounting for the largest share, at roughly 40% of total supply.

What is Nicaragua's energy supply?

“This gives us a guarantee that the project will be carried out in the best way and will ensure its best performance.” Around 60% of Nicaragua’s total energy supply is drawn from renewable sources, with biomass (41.8%) accounting for the largest share of generation as of 2022. The remaining 40% is supplied by oil imports.

Are China and Nicaragua a strategic partnership?

Last December, China and Nicaragua agreed to elevate their relations to the level of “strategic partnership”, after a telephone conversation between Chinese President Xi Jinping and Ortega. Nicaragua and China launched a Free Trade Agreement in January.

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