



# Uruguay Communication Base Station Wind and Solar Complementary Project

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The invention relates to a communication base station stand-by power supply system based on an activation-type cell and a wind-solar complementary power supply system.

Energy generated by the project is connected to the 66 kV sub-station of Devighat Hydropower Station. The solar station generates energy only during the daytime.

The system configuration of the communication base station wind solar complementary project includes wind turbines, solar modules, communication integrated control cabinets, battery ...

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The communication base station installs solar panels outdoors, and adds MPPT solar controllers and other equipment in the computer room. The power generated by solar energy is used by the DC load ...

Uruguay built a power grid that runs 99% on renewables--at half the cost of fossil fuels. Here's how its bold energy overhaul became a global model.

This article aims to reduce the electricity cost of 5G base stations, and optimizes the energy storage of 5G base stations connected to wind turbines and photovoltaics.

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