



# Congo Brazzaville wind and solar hybrid communication base station

Could solar power be the future of energy in Congo?

Congo is one of the top five oil producers in Sub-Saharan Africa. But despite its rich energy resources, the electrification rate is low, especially in rural areas, mainly because of a lack of electricity infrastructure. But solar power could be the future as it is also said to be cheaper for households.

How can the DRC bridge the digital divide?

Deploying and operating networks, particularly in deep rural areas, continues to be a significant challenge in the DRC. To bridge the digital divide and expand network coverage in underserved communities, the companies have pledged to jointly construct up to 2,000 new solar-powered base stations over six years, using 2G and 4G technologies.

Why is the electrification rate so low in Congo?

According to the World Bank, nearly half of the Congolese population does not have access to electricity. Congo is one of the top five oil producers in Sub-Saharan Africa. But despite its rich energy resources, the electrification rate is low, especially in rural areas, mainly because of a lack of electricity infrastructure.

ANE company started to supply wind solar hybrid power system for the communication base station in Jinchang, Jiuquan and other districts from 2009. These systems solve the electrical ...



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