

What is the energy potential of Niger?

Niger has significant energy potential, rich and varied, that is weakly exploited. It consists of biomass (firewood and agricultural residues, the main source used by households for cooking), uranium, mineral coal, oil, natural gas, hydroelectricity and solar energy.

How much energy does Niger use?

Final energy consumption in Niger is estimated at 0.15 toe per capita, one of the lowest in the world. The weakness of this value is mainly due to limited access of Niger's households to modern energy. Indeed, over 90% of Niger's households use wood as fuel for cooking. Access to modern cooking fuels and other modern energy is still very limited.

Why is access to energy a problem in Niger?

Despite this rich potential, access to energy is still a challenge for the authorities. Final energy consumption in Niger is estimated at 0.15 toe per capita, one of the lowest in the world. The weakness of this value is mainly due to limited access of Niger's households to modern energy.

How many hydroelectric power plants will be built on the River Niger?

Proposed construction of three hydroelectric power plants of 130 MW, 122 MW and 26 MW on the River Niger and its tributaries. The first project of 130 MW began to be realized, with financial support of the ADB and WB, before it was cancelled due to technical failure of the company in charge of the work. It is about to be revived.

Does Niger use wood for cooking?

Indeed, over 90% of Niger's households use wood as fuel for cooking. Access to modern cooking fuels and other modern energy is still very limited. According to the energy balance of 2012, total primary energy supply in the country is estimated at 2747 ktoe, of which over 70% comes from biomass.

Does Niger have natural gas?

Natural gas is part of the riches contained in soil of the Niger, but its exploitation has not yet begun. Reserves are estimated about 18.6 billion m³. The hydroelectric potential, meanwhile, is estimated at approximately 280.5 MW, including 130 MW in Kandadji, 122.5 MW on the River Niger in Gambou and 26 MW in Dyondyonga on Mekrou.

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A German start-up has commissioned its first solar container in the Tahoua region of Niger, a thoroughfare for nearly 90% of African refugees.



Niger energy storage container production

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