

ContainerPower Energy Solutions

Benin New Base Station Energy Management System



Overview

How can Benin increase local production?

However, the government of Benin is making serious efforts to increase local production through national projects, specifically the Solar Energy Promotion Project (PROVES) and the Renewable Energy Development Program (PRODERE) . The principal RE sources in Benin are hydro energy, biomass energy, wind energy and solar energy.

What is the energy sector strategy in Benin?

In Benin, the energy sector strategy is aimed at improving the energy independence of the country and diversifying its sources of supply through the implementation of various interconnection projects with neighbouring countries and the enhancement of the national RE potential.

What is Benin's current energy situation?

This section provides information on Benin's current energy situation with energy demand-and-supply scenarios. According to the International Renewable Energy Agency (IRENA), 41% of Benin's population currently have access to electricity.

Which institutions are working to provide access to affordable energy in Benin?

Several institutional frameworks in the energy sector in Benin are working to provide access to affordable energy in the country. The ME is the biggest institution of the energy sector, responsible for the management of the energy sector and in charge of the implementation of RE projects.

What type of energy is used in Benin?

The evolution of the electrical mix of Benin indicates that, in 2020, natural gas was the first form of energy used to produce electrical energy, representing a proportion of 71.63%. Solar photovoltaic (PV) accounts for 0.30% of the mix

by form of energy compared with 1.36% in 2016, as shown in Fig. 3.

How can bioenergy contribute to the energy sector in Benin?

In addition, the Vossa hydroelectric power plant of 60.2 MW is to be built with an annual production capacity of 188.2 GWh. An additional hydroelectric plant is planned to be installed in Bétérou to increase the national electricity production in Benin . Bioenergy can also play a crucial role in the energy sector in Benin.

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