

Nigeria s energy storage policy for new energy projects





Overview

What are the requirements for implementing energy policy in Nigeria?

The development and implementation of policies by any energy related Ministry must be consistent with provisions of the National Energy Policy which is coordinated by the Energy Commission of Nigeria (ECN) as provided by the ECN Decree of 1979, 1988 and 1989.

Why is energy supply important in Nigeria?

Improved energy supply results in improved standards of living, which manifests in increased food production and storage, increased industrial output, provision of efficient transportation, adequate shelter, improved healthcare and enhancements in other human services. Nigeria is blessed with abundant primary energy resources.

Does Nigeria have a potential for energy savings?

The potential for energy savings in the Nigerian economy is huge, especially in the three main energy demand sectors, namely household, industry and transportation.

What should Nigeria do about energy diversification?

In this regard, the National Planning Commission, Federal Ministry of Finance (especially the Budget Office) and Federal Ministry of Petroleum Resources should focus some attention to and support the Nigeria's energy diversification goals promoted in this policy. It is also necessary to coordinate all energy related activities in the country.

Can energy savings be harnessed in Nigerian industries?

Similarly, there is considerable scope for harnessing energy saving potentials in the Nigerian industries, where energy is an important cost factor. Energy audit studies have shown that as much as 25% of industrial energy can be saved through simple housekeeping measures.



How much electricity will Nigeria need by 2030?

To sustain such growth, Nigeria's electricity generation would have to increase by significantly more than the projected growth rate. Analysis of energy consumption by similar economies suggests the need for over 40,000MW of electricity by 2030. Therefore, by 2030, Nigeria might need to increase electricity generation over sevenfold.



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