

Kongres Container

The relationship between new energy and energy storage in Uganda



Overview

Why is universal energy access important for Uganda?

The Report recognizes that for Uganda, achieving universal energy access is as important as achieving a 100% renewable energy production target. It also recognizes that to be sustainable, the renewable energy solutions presented must address poverty and other social needs as outlined in Agenda 2030 / Sustainable Development Goals.

How can Uganda improve its energy security?

Fortunately, the country is blessed with vast domestic renewable energy resources, in addition to its oil deposits. Harnessing a diverse mix of energy resources in a sustainable manner can help to improve the country's energy security, supporting Uganda's 2040 Vision.

Is bioenergy sustainable in Uganda?

Around 90% of Uganda's energy needs are still met by solid bioenergy, given it is the only energy source available to many in rural areas. This is not sustainable, nor is it an option to fuel future growth in Uganda.

What is Uganda's energy transition plan?

Source: IEA. Uganda's Energy Transition Plan (ETP) is a strategic roadmap for the development and modernisation of Uganda's energy sector. It charts an ambitious, yet feasible pathway to achieve universal access to modern energy and power the country's economic transformation in a sustainable and secure way.

Can Uganda meet 100% of its energy needs by 2050?

Despite this, Uganda is endowed with abundant renewable energy potential from sources such as water, wind, biomass and the sun. A study commissioned by WWF Uganda Country office has shown that it is possible to meet 100% of Uganda's energy needs from Renewable energy sources by

2050.

How does Uganda generate electricity?

In Uganda, electricity generation is mainly through hydropower, which puts the country in the bottleneck of overdependence on one source of energy. There are many energy systems out there that the country can use to diversify its electricity generation.

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