

Togo economics of energy storage

What percentage of the Togolese population has access to electricity?

Less than half of the Togolese population has access to electricity. The country has a relatively diversified energy mix and more than 13% of its final energy consumption comes from renewable supplies of energy, mainly hydropower. Less than half of the Togolese population has access to electricity.

Where does Togo get its energy from?

To meet demand, Togo has to import most of its energy from Ghana, Cote D'Ivoire and Nigeria. The country's main source of energy is biomass. About 76% comes from firewood, charcoal and vegetable waste. Petroleum products account for just over a quarter of energy needs, while electricity derived from thermal, hydropower and solar accounts for 4%.

What are energy systems in Togo?

Energy systems in many countries, including Togo, are a balance between energy that's generated centrally at a large scale and energy that's generated at a smaller scale closer to where it's used. Balancing the two sources makes energy supply more reliable and stable.

Can Togo achieve universal access to electricity?

Demand for electricity in Togo has increased rapidly in line with economic growth, but energy production capacity remains insufficient to trigger structural transformation and private sector development. The progress made and the favourable outlook should help to achieve universal access to electricity, which the authorities have set for 2030.

Why is electricity so important in Togo?

One of the key resources to develop these basic services and the economy is electricity. Just under half of Togo's 8 million people have no access to electricity, especially in rural areas. Access has increased in Togo from 17% in 2000 to 53% in 2020. This is higher than the figure (43%) for all low income countries but has a long way to go.

Does Togo have a potential for wind energy?

Togo's potential for wind energy is not high. Our study also identified a number of challenges with renewable energy, however. For example, the Togolese government needs to determine the generation potential from various renewable energy sources. The head of a renewable energy research centre said:

This high dependency on fuelwood and lack of efficient delivery of clean energy indicate an infant stage of economic development condition. Togo is relatively rich in energy resources such as solar, biomass energy, hydroelectric and other renewable energy sources.

There is evidence that clean renewable energy - solar, wind and hydro power - can help support economic

growth in African countries. Our own study looked at the potential of small scale solar...

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The first agreement with RELP focuses on enhancing Togo's solar energy storage capacity. This will improve the Battery Energy Storage System, allowing excess energy produced during the day to be stored for nighttime use, according to Minister Robert Eklo.

Togo: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

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