

What is Uganda's energy transition plan?

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.

What is Uganda's energy plan?

The objectives of the plan, stated by Uganda's Ministry of Energy and Mineral Development (MEMD), are: Provide universal access to electricity and cleaner cooking by 2030. Modernise and diversify Uganda's energy mix and promote its efficient use across all sectors to support industrial growth, poverty reduction and socio-economic transformation.

Why is universal access to electricity a challenge in Uganda?

Achieving universal access to clean and reliable energy sources for electricity and cooking remains a challenge in Uganda and is a high priority for the government in achieving economic and social development.

Is Uganda a 'just and inclusive' ETP?

Particular focus is paid to making use of the country's considerable energy and mineral resources, and parlaying this into economic development for Uganda, a core pillar to ensure the pathway in the ETP is a just and inclusive one.

What energy resources does Uganda have?

Solid biomass, largely firewood, charcoal, and bagasse used in buildings and industry, accounts for 90% of the country's final energy consumption today. Importantly, the country has many domestic energy and mineral resources that can help realise the energy transition. Uganda has ample potential for solar, hydroelectric and geothermal power.

Can Uganda become a regional energy supplier?

Uganda has plans to develop nuclear power and is in Phase 2 of the IAEA's Milestone Approach, with plans to bring on the first facility in the early 2030s. A strengthened, interconnected grid is essential to Uganda's vision to become a regional energy supplier.

Notably, Uganda's power sector is primarily driven by renewable energy sources, accounting for an impressive 98% of electricity generation. Fossil fuels contribute only 2% to the electricity mix, reflecting a strong commitment to sustainability as well as a high potential of resources.

However, Uganda's energy scenario is quite different from other African countries such as Ghana, Libya, and Egypt. It has a nuclear power potential of 24000 MW, but preliminary findings indicate that 50000 km<sup>2</sup> of estimated uranium can be found around Buyende, Nakasongola, Mubende, Kiruhura, Buhweju plateau, and

Lamwo. There is a need for ...

One promising renewable energy source in Uganda is solar power: the country receives about 8 hours of sunshine per day throughout the year. Off-grid solar energy is the ideal model for Uganda in order to provide rural and remote communities with economical and reliable energy access. Therefore, our partners in Uganda raise community awareness ...

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TotalEnergies EP Uganda signed an MoU with the Ministry of Energy and Mineral Development to develop one Gigawatt of renewable energy by 2030; in form of solar, wind or geothermal. We must not forget that the world will still rely on ...

As TotalEnergies, we are proud to be part of Uganda's energy journey by supporting the development of not only oil and gas resources but also renewables in line with our multi-energy ambition. Our commitment is anchored on our ...

To increase energy access, the Uganda Government has set a target of achieving 100% access to clean energy by 2035 (Uganda Vision 2040). In the medium term (2020-2025), Uganda is committed to increasing the proportion of the population with access to grid electricity from 24% to 60%. It also aims to strengthen the supply side

Both companies had offices in Kampala, the capital of Uganda, and had worked closely for years with the Ministry of Energy and Mineral Development. Dongsong was building a \$620 million phosphate ...

been on further strengthening Uganda's modelling, energy data and statistics capacities. This in-depth review - which takes stock of the latest energy trends, assesses Uganda's energy policies and provides policy recommendations - will help inform the next steps.

1.1.1 The Need for an Energy Policy Uganda 's Energy Sector has hitherto been driven by annual ministerial policy statements on the budget. Yet the importance of the Energy sector in the economy requires that a long &#173;term planning approach for Energy development be adopted.

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The Uganda Energy Credit Capitalisation Company (UECCC) held a contract signing ceremony today for the civil and hydromechanical works of the ORIO mini hydropower project. Eng. Irene Pauline Bateebe, the Permanent Secretary of the Ministry of Energy and Mineral Development, presided over the event and emphasized the project's importance for ...

KAMPALA - Uganda said on Thursday it expects to start generating at least 1000 megawatts (MW) from nuclear power by 2031 as it moves to diversify its sources of electricity and accelerate its energy transition, a key part of its climate change response. Uganda has uranium deposits and President Yoweri Museveni has said his government was keen to ...

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