

Uganda is endowed with energy resources both renewable such as hydro, solar, biomass and non-renewable such as petroleum resources. Renewable Energy Sources. Uganda has various renewable energy sources including solar, wind, geothermal, biomass, and hydropower. The capacity for renewables is summarized in Table 1.

Financial Controller at Rensource Energy &#183; Hello! I am a highly accomplished finance professional with a robust background spanning financial reporting, financial planning and analysis, control, performance management, compliance reporting and treasury management. Throughout my career, I have demonstrated excellence across diverse industries, driven by my passion for ...

Uganda: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.

EDP Renov&#225;veis, the renewable energy arm of Portugal's state power utility, announced on 23 December that it would invest \$3m in decentralised solar system supplier Rensource Energy to support its expansion in Nigeria. The investment, which was the result of a financing initiative in partnership with international investors such as CRE Venture Capital, ...

Rensource Energy, a Lagos-based renewable energy startup, has raised \$20 million series A to offer additional services to its micro-energy business. This is coming after the startup raised \$3.5 million and EUR500,000 in ...

Derived from the renowned multi-volume International Encyclopaedia of Laws, this book provides a systematic approach to legislation and legal practice concerning energy resources and production in Uganda. The book describes the administrative organization, regulatory framework, and relevant case law pertaining to the development, application, and ...

For Uganda, rising energy demand, need to reduce greenhouse gas emissions, and increasing electricity access to rural areas, emerge as rational opportunities to invest in wind energy. The main ...

Nigerian startup Rensource Energy has raised a \$20 million Series A round co-led by CRE Venture Capital and the Omidyar network. The renewable energy company builds and operates solar-powered micro-utilities that provide electricity to commercial community structures, such as open-air trading bazaars. Launched in 2016, the startup has shifted its operating ...

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energy supply is from renewable energy sources including hydro, bagasse, and solar (large hydro 79%; small hydro 7%; other technologies combined 14%). 3. LEGAL AND INSTITUTIONAL FRAMEWORK In order to fast track the development of geothermal energy, the Government of Uganda established a full-fledged Geothermal Resource Department (GRD) in 2014.

The National Energy Policy for Uganda 2023 focuses on expanding the electricity transmission and distribution grid networks; increasing energy efficiency; promoting the use of alternative sources of energy; and strengthening the policy, legal and institutional framework. Uganda has developed a number of subsectoral policies, including the 2008 ...

Rensource Energy and Green Fuels Partner to Build a 4.7MWp Solar PV Gas Hybrid System for Valentine Chickens in Kwara State, Nigeria Rensource Energy, Africa's fastest-growing renewable energy company, in partnership with Green Fuels, has started the construction of a 4.7MWp Solar PV Gas Hybrid system for Valentine Chickens in Kwara State,...

in Uganda [10,11]. Table 2. Energy resources potential in Uganda. Energy resources Potential References Renewable energy Hydropower (MW) >4500 MW NPA, 2013 Solar energy Mean solar radiation of 5.1 kWh/m<sup>2</sup>/day >5000 MW ERA NPA, 2013 Geothermal energy (MW) >1500 MW NPA, 2013 Biomass (cogeneration) (MW) >1700 MW NPA, 2013

However, as Uganda defines energy transition plans, the government must further consider the specific needs of women. Funding green ambitions with black gold. On 5 December 2023, Uganda's energy minister launched the country's energy transition plan at the COP28 climate conference. The launch signaled Uganda's commitment to achieving ...

Rensource Energy, a leading African solar power developer for the commercial and industrial sector (C& I), today announced the signing of an additional 1.4 MW worth of projects in Nigeria to be constructed in early 2023. These projects will bring Rensource's project portfolio to 14.6 MW under construction and 70 MW in the pipeline. The new...

Expanding Uganda's energy mix with renewables such as solar and wind alongside energy storage will boost energy resilience. Regional cooperation through the East African Power Pool, established in 2005, could improve energy security by coordinating cross-border power trade and grid connections. The shift toward renewables presents political ...

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