



Uganda solar power generation for civil use

Solar power is getting the due popularity it deserves in Uganda. In areas where grid power remains unpredictable, solar stepped in quietly and stayed dependable.

Productive Use Leveraging Solar Energy (PULSE) Off-grid solar PV systems used to power productive applications such as agricultural transformation (threshing, milling), water pumping, or cooling.

If you've been thinking about investing in solar power in Uganda, here's what you need to know about the policy environment, tax incentives, market trends, and response to date.

A Private Infrastructure Development Group (PIDG) company has committed \$19 million to a new 20MW solar PV project designed to provide clean, affordable energy for one of the most remote and ...

Solar PV power is still under-utilized despite the abundance of solar radiation in Uganda. There is need for empowering renewable energy landscape through unlocking the technical and economic feasibility ...

Uganda's power sector is split into three major sub-sectors, namely generation, transmission, and distribution. The government-owned Uganda Electricity Generation Company (UEGCL) owns and supervises most public ...

As urbanization accelerates and rural development expands, solar energy is quickly becoming a reliable and sustainable power solution in Uganda. This shift is not just about going green--it's about making ...

This article explores Uganda's renewable energy initiatives, focusing on the potential for solar energy, the current state of the energy sector, and the strategies needed to foster a sustainable energy future

Over the last 5 years, Uganda's installed capacity increased by 54% from 1,361.6 MW in 2021 to 2,098.2 MW by June 2025. This increase in generation capacity is on account of commissioning additional generation ...

Uganda's energy mix is largely dominated by hydroelectricity power (82%), followed by thermal power (8%), PV solar (5%) and Bagasse (5%).



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