



Solar Energy Revolution in Botswana

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Why Botswana Struggles with Energy Access?

Did you know 38% of Botswana's population still lives without reliable electricity? While neighboring countries rush to adopt renewable energy solutions, this landlocked nation faces unique hurdles. Aging diesel generators cough black smoke across the Kalahari Desert, their fuel costs eating 15% of national GDP - money that could fund healthcare or education.

Here's the kicker: Botswana enjoys 3,200 hours of annual sunshine. That's 20% more solar exposure than Germany, a global leader in photovoltaic adoption. Yet less than 5% of this potential gets harnessed. Why? Three stubborn roadblocks:

Scattered settlements (70% rural population density)

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