

# THE EXPERIMENTALIST

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**Technology:** Wind Turbines and Generators - 2

**Construction:** The Galvanometer

**Community:** Mosquito Trap

**World Technology:** The Large Hadron Collider

## Editorial

Less than five percent of households in Mozambique have electricity supplied to the house. To provide for all within the next few years would be impossible; imagine the amount of posts, cables and transformers that would be needed! But today, energy is essential for anyone who wants a more modern life.

All the world wants at least light in the home - a candle or a kerosene tin with a wick in it, which are too dim to study by. How can our children study at night? Batteries for torches are too expensive to use for a long time. Perhaps you have sufficient money to buy a rechargeable battery, but how can you charge it?

A solar panel would be good but it costs too much. Are there alternatives? The photos above show members of the Spark Group developing their wind generator, and a small wind generator on a Mozambican house.



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