Chispito wind turbine

The Chispito wind turbine or "Chispito Wind Generator" is a simple DIY HAWT wind turbine. It is primarily used as an educational project for those interested in wind turbine construction, and generates little power so as to allow actual use in off-grid homes.

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Charasteristics and construction

Most of the parts can be sourced in junk or salvage yards, and the construction requires minimal tools and skills. The project is designed to be open source and simple to create and maintain.

Chispito can produce 100 watts in a 30 mph wind. It can be built by two people in about three hours. Parts include 8” PVC sewer pipe for the blades, a treadmill motor for the generator, and various metal bits and pieces, including a washing machine casing for the tail.

For more information on the complete How-to, please visit the updated home page: [1]

Difficulties

Sourcing parts can be difficult for some areas. On the website, [2], we examine possible solutions to hard to find parts. Also, wind generators can pose a threat to people and animals. Always stand up wind from a wind generator and never let it free spin. The wind generator should also be connected to a load or be shorted out.
See also

- Permanent magnet alternator construction

External links

Complete home page with How-To, Tower Information, System Information, FAQ, and Parts: [3]

Licensing

The design of the Chispito Wind generator is copyright 2008 Vela Creations. This means that the design information should not be copied into Appropedia.

If you want to sell Wind Generators built to this design then you probably should consult Vela Creations or a lawyer or both.