

Title: Wind power generation without blades

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Eco-friendly bladeless small wind energy. Startup technology Vortex wind power for on-site generation, the low-cost wind turbine which is not a turbine!

University of Glasgow researchers are working to unlock the potential of bladeless wind power. For the first time, computer simulations of ...

Vortex es una forma radicalmente nueva de energ&#237;a e&#243;lica sin rotaci&#243;n ni aspas, m&#225;s simple, de bajo mantenimiento e inofensiva para las aves.

Bladeless wind turbines are a cost-effective sustainable energy option. See their potential and how they compare to traditional options here.

Similar to a traditional alternator, our device gets an interaction between coils and magnetic fields, generating electricity by electromagnetic induction without need for rotation on a shaft nor a gearbox.

OverviewTechnologyStory and biographyAwards, strategic partnersCriticismsExternal linksVortex Bladeless Ltd. is a Spanish technology startup company that is developing a specific type of wind power generator without rotating blades or lubricants. Power is produced from resonant vibrations when wind passes through the turbine and is deflected into vortices in a process called vortex shedding. This technology might replace previous solar electricity installations, such as low-power systems, off-grid generation, autonomous systems, and distributed generation of electricity.

An energy startup company called Vortex Bladeless has come up with a wind turbine design that doesn't incorporate blades and it's like nothing ...

What are bladeless wind turbines and how do they work? The operation of the new bladeless wind turbine is based on aeroelastic resonance, which allows energy ...

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