

Wind turbine with two blades

The big picture: Envision Energy has successfully tested a two-bladed wind turbine prototype that performs as efficiently as traditional three-bladed models. This breakthrough ...

Now the Chinese company Envision has revealed the two-blade onshore wind, which has been kept secret under trial for 500 days.

Chinese green tech leader Envision Energy has developed a powerful, smart onshore two-blade wind turbine. The machine has shown remarkable success in over 500 days of quiet ...

In a groundbreaking development that challenges long-standing industry norms, Envision Energy's new two-bladed wind turbine prototype has demonstrated efficiency on par with traditional ...

A dampened pivot hub, modular drive train, and regulated tip speeds give two-bladed, utility-scale wind turbines a few advantages over three-blade designs.

Envision just proved two blades can rival three with 500 days and 99.3% uptime. Explore the engineering fixes that made it possible.

China's Ming Yang Wind Power, the world's ninth-largest wind-turbine manufacturer, recently announced plans for the largest test of the design to date. It plans to erect a six-megawatt,...

Envision Energy has successfully developed a two-blade turbine that matches the performance of traditional three-blade models. After 500 days of continuous operation, the turbine ...

Recently while driving through western new York state, however, I passed by several turbines featuring only two blades, as shown here: What advantages and disadvantages would a 2-bladed wind turbine ...

Carter Wind manufactures the world's most advanced, 2-blade wind turbines, utilizing a self-erecting, guyed tower design that eliminates the need for cranes. The result is a turbine that is cheaper to ...

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