

The wind turbine blades look like dinosaurs



Overview

Engineering giant Siemens has unveiled three designs for aerodynamic wind turbine blades based on the biology of dinosaurs! The first turbine blade is called "DinoTails" and it is designed to resemble the back plates of a Stegosaurus. The design features increased blade surface area, which . Most wind generators use blades that look kind of like a prop plane's propeller working in reverse, but that's changing based on new aerodynamic research from Siemens. However, this is exactly what happened with Siemens' latest innovation - DinoTails. When air flows from above and below the trailing edge of a .

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Siemens Develops More Efficient Wind Turbine Blades Based on Dinosaurs! In the past we've seen biomimetic wind turbines inspired by whale fins and species of trees, however now designers are

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Siemens Develops More Efficient Wind Turbine Blades

Engineering giant Siemens has unveiled three designs for aerodynamic wind turbine blades based on the biology of dinosaurs!

Dinosaur-inspired upgrades add bite to wind turbines

So Siemens has unveiled three designs for enhancing the aerodynamics of turbine blades. The first, DinoTails, resembles the back plates of a stegosaur and increases the area of a



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A detailed review of the current state-of-art for wind turbine blade design is presented, including



These wind turbines were modeled after stegosauri

But Siemens, which makes many of the wind turbines popping up on horizons around the world, has created a suite of new products that makes turbines more powerful and is inspired by

theoretical maximum efficiency, propulsion, practical efficiency, HAWT blade design, and blade loads.



Dinotails, The Prehistoric Wind Turbine

DinoTails was named after its unique design, which mimics the esthetic of a dinosaur's tail. The new turbine features blades with a serrated edge, reminiscent of the dorsal plates of a Stegosaurus. This

Wind turbine upgrades were inspired by dinosaur shapes

Most wind generators use blades that look kind of like a prop plane's propeller working in reverse, but that's changing based on new aerodynamic research from Siemens. The result is a trio



[Low-Noise Retrofit for Wind Turbine Blades Inspired by Owl Wings](#)

DinoTail(R) Next Generation is a retrofit for wind turbines applied to the trailing edge of blades. The DinoTail concept was originally introduced in 2000, and they got their name because they resembled

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