

# FANTURBINE

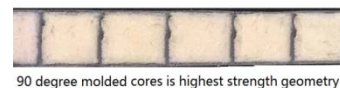
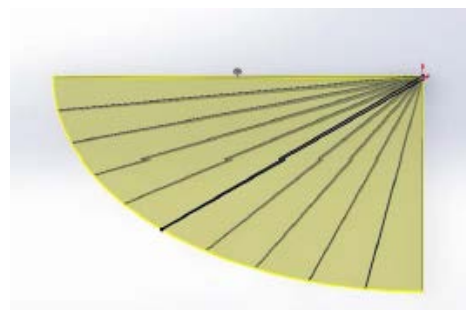
FOR IMMEDIATE RELEASE

## Wind Revolution: 1-Gigawatt Wind Turbine Revisiting Betz's Law

Dallas Texas Feb 19, 2022, [Xenecore-Donnay](#), the world's leading manufacturer of multi-core carbon products, today unveiled the world's first drag based carbon wind blade. This design may help solve the global climate crisis, with its ability in principal to capture over 1 Gigawatt of energy. The company has partnered with the leader in the Industry, Composites One to bring their patented microsphere to new composite applications.



[Scholars have revisited Betz's laws](#) which have been the unquestioned rule for one century with the invention of airplane wings. With a new carbon ribbed molding technology which can mold monocoque ribbed fan blades with I-beam construction, these blades can now withstand over 150 mph winds. The design returns to the pre-Betz era original windmill shapes capturing 90% of the wind's energy. The company produces a 5,000 watt unit which is sold on Amazon.com. They can produce up to a 1 Megawatt unit, and claims that the technology can capture a Gigawatt of energy if the blades were retrofitted to existing multi megawatt turbines. "With the advent of new technologies, it's worth revisiting Betz's theories from 1926 which have dominated the industry for a century," according to the PhD David Branscomb.



The company has published a [white paper](#) disproving its application from Betz's limit.

"These blades can increase the rotation of multi-megawatt turbines 10 fold which would increase the power 100 times. 14 Megawatt generators would output 1.4 Gigawatts.," According to CEO Jerry Choe.

The company owns worldwide patents on the use of microspheres in composites and has invested tens of millions of dollars and 10 years in their multicore technology. With the issuance of their recent



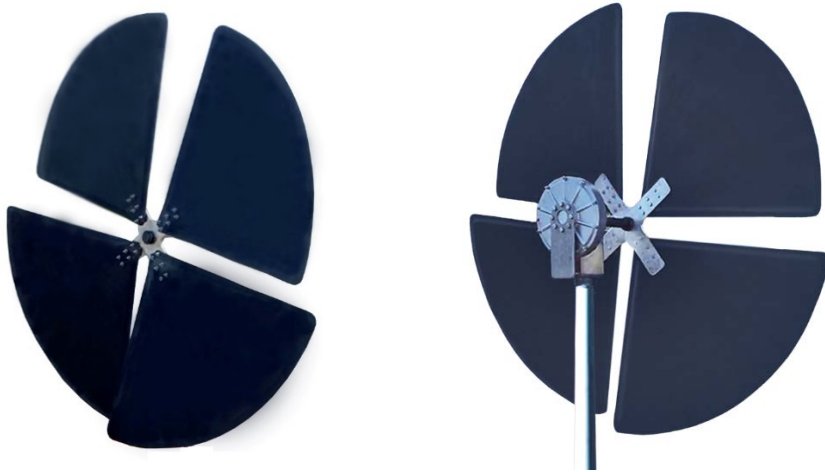
broad worldwide patents, they seek to offer the intellectual property to microsphere manufacturers in the coming months. They promise to revolutionize many carbon and fiberglass products such as aerospace, boating, and automobile for clean energy, super stable, and no vibration solutions. It is the first technology to produce 90-degree unibody web cores which is the lightest strongest geometry possible. The blades are quiet, visible, and strong so there is no collateral effect on the

environment or our aviary friends.

Xenecore-Donnay based in New York was founded more than 10 years ago and has produced over 100,000 units of multicore products. Patent numbers are EP2454090, US10,500,447, JP5964748, JP6403721, KR101826596, CN102612427A, MX/2015/004235, PCT/IB2020/053723, US8,328,666, CN201080035911.8, WO2020212959A1, PCT/US2010-038664, PCT US2012-035686, US13-667963, US20130274037.

For complete information, visit: <https://reversefan.com/> and [xenecore.com](https://xenecore.com).

[Video at https://youtu.be/Y\\_1vn\\_O298w](https://youtu.be/Y_1vn_O298w)



<https://www.amazon.com/dp/B09SN6F3L9>

Media Contact:

Xenecore-Donnay  
Attn: Media Relations  
New York, New York  
1-800-339-8106  
[service1@fanturbine.com](mailto:service1@fanturbine.com)