# Small Wind Turbine Economic and Scientific Breakthrough

Flower Turbines announces a scientific and business breakthrough: its results from testing its cluster effect on wind turbines.

LAWRENCE, NY, UNITED STATES, March 14, 2023 /EINPresswire.com/ -- Flower Turbines announces a scientific and business breakthrough: its results from testing its cluster effect on wind turbines.

Flower Turbines has found after extensive testing that, when placed correctly near each other, four of its smallest drag type vertical axis turbines double the power output of four separate ones. Adding a fifth increases the power by 228% over that of 5 separate turbines.

The significance is that, because each turbine added increases the output of each turbine in the group, at some point, small wind becomes more cost-effective than solar. One can think of this as birds flying together with aerodynamic advantage. This is based on a patent already granted in the US and China, with more on clustering already filed. Most turbines have degraded performance when placed close together.
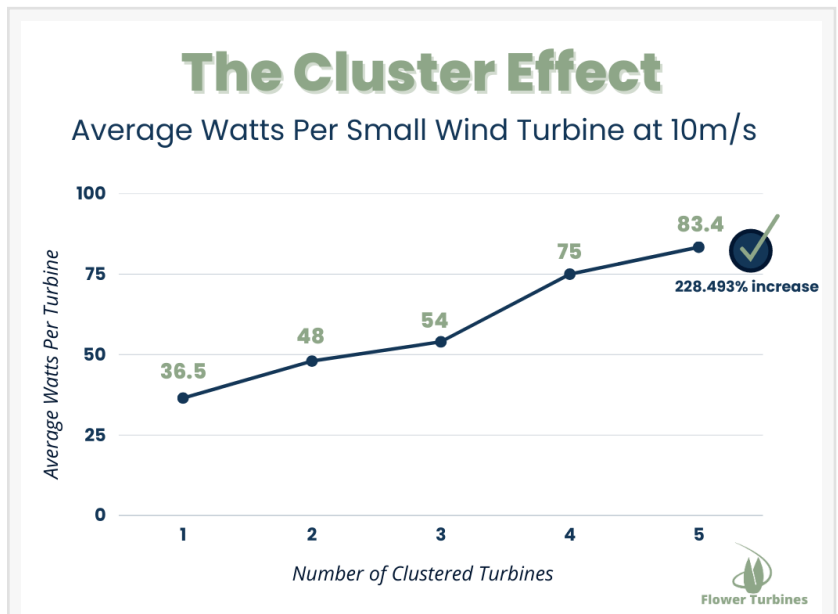
This shows how each turbine produces more energy as another turbine is clustered. 5 Flower Turbines together produce 228% more power than 5 separate turbines.

Bouquet of Wind Tulip Turbines

Dr. Farb, the CEO, said, "This is a revolution for small wind turbines. It means that when we make large enough farms of small wind turbines, our ROI goes up the more turbines you add. This changes the model of small wind from one at a time sales to a small wind farm model, and the target audience from one turbine in the middle of a field to multiple ones on commercial and government buildings and parking lots.

"We expect that we will see even better numbers as we progress and as we add electronic controls from recently filed patents to manage the cluster effect. These patents may apply to increasing the output of large wind farms."

It is remarkable that, as seen in the attached graph of measurement with a small version of Flower Turbines, the average power output of each turbine increases whenever a turbine is added to the group.

Flower Turbines is raising funds through equity crowdfunding

Large Size Flower Turbines at a Shipyard

Flower Turbines at Rotterdam Roof Days

Regulation A at https://www.startengine.com/offering/flowerturbines. This is its fourth raise on Startengine and two of the previous raises were sold out.
A link for signing up for investor updates is at https://www.flowerturbines.com/investment-signup Products can be bought at https://www.flowerturbines.com/shop.
Those in the EU can buy by quotation from their staff at support.eu@flowerturbines.com
Outside of those areas, contact support.us@flowerturbines.com for a custom quotation.

Flower Turbines is a US company with an important branch in the EU that has the goal of making small wind as powerful a force in renewable energy as solar by using its multiple patents to create a wind turbine that meets all the needs of urban and suburban environments. It combines aerodynamic innovations with beautiful design, low noise, and bird friendliness. Unlike other turbines, they make each other perform better when tightly packed together.

Technology being developed by Flower Turbines enables a new model in the small wind industry. Focused on creating beautiful, affordable, and efficient turbines for the urban/suburban market and tight spaces, it seeks to pave the way for the future of distributed energy, particularly with solar. Its "Cluster Effect" (whereby their turbines perform better when tightly packed together as opposed to the most common turbines which perform worse when tightly packed) could give them a key advantage to scaling farms of small wind turbines and harnessing the electricity they produce.

"We have the ambition to become a major global force in distributed energy," said CEO Dr. Daniel Farb. "We believe we have the technology and enthusiasm to accomplish it. We are in the right industry at the right time. Incentives for an energy transition in most important areas of the world only add to our scaling up headwinds."

Wind and Solar E-bike Charging Poles

Flower Turbines has external validation as a top company:
-Flower Turbines has been awarded the "Solar Impulse Efficient Solution" Label, a proof of high standards in profitability and sustainability to protect the environment. Here is a link to the page about Wind Tulips on the Solar Impulse website: https://solarimpulse.com/efficient-solutions/wind-tulips#
- Flower Turbines was a winner of Pepperdine Graziado Business Schools annual Most Fundable Companies in America list. Flower Turbines was judged to be in the top 10 among 4500 startup companies examined.
- Winner of the Dutch government sustainability award for two separate years.

Disclaimer: Investors should read the Offering Circular (http://alturl.com/wpfpr) and Risks (http://alturl.com/8hrbw) related to this offering before investing. This Reg A+ offering is made available through StartEngine Primary, LLC, member FINRA/SIPC. This investment is speculative, illiquid, and involves a high degree of risk, including the possible loss of the entire investment.

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