Support Letter from Jon Scott

March 20, 2012

I am a Mechanical Engineer (UBC 1979) who has been working in R&D and product development since graduating. Having been involved in product development with numerous companies, my name is on at least 15 patents.

I met Drew in the fall of 2011 and was very excited about helping a new green technology move toward commercialization, and started working with Drew and ART Turbine in December 2011, with compensation being shares in the company. I have been involved with design for manufacture, specification and sourcing, and testing.

Regarding turbine performance, I have now seen first hand that the turbine has good efficiency of approx 29%. This is based on moving platform tests and not on the questionable wind tunnel tests other companies have used. In addition, this performance is measured on prototype number 16, so we believe it will improve once we start on the shape optimization program.

As soon as we can, we plan to submit test results to the SWCC (small wind certification council). No other VAWTs (vertical axis wind turbine) have certification and only two HAWTs (horizontal axis wind turbine) hve certification.

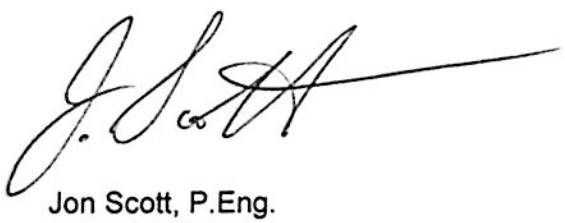
The really exciting thing though, is based on the work of Dr. John Dabiri one of the world's leading researchers from Cal-Tech has been researching the efficacy of wind farms based on close-packed arrays of VAWTs. He has found that such wind farms can have approximately ten times the output per acre versus wind farms using the conventional HAWTs typically used now.
Here is a link to an excellent 42 minute video by Dr. John Dabiri:
http://www.youtube.com/watch?v=Bc4GRaAyE9c

It is very likely that the ART Turbine high solidity turbine will become the turbine of choice for wind farms based on VAWTs, since:

- The performance is high
- It handles gusty wind well (unlike thin-bladed designs)
- It is silent
- It is extremely durable (one piece of tough-skinned foam)
- It is simple and requires low labour and material cost to manufacture.

The other thing that is exciting is the hydro-kinetic application. The ART Turbine is a natural for use in rivers and tidal zones, since the design naturally sheds any debris that tends to foul other water turbine designs. It will be very interesting to explore close-packed arrays in water as well as air.

Sincerely,



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