



LE Introduces High Efficiency Generator for use in Asian Wind Turbine Market

December 16th 2005, Indianapolis, IN – A leading provider of high power density, high efficiency permanent magnet generators and motors, Light Engineering (LE) delivers a cost effective generator for use in the Asian Wind Turbine Market.

As Asian markets continue their search for cost effective solutions to meet the challenges of delivering renewable energy, LE has developed a direct drive wind turbine-driven generator system that utilizes their patented machine technology.

LE's technology eliminates the need for gearboxes, and dramatically increases the overall system efficiency across a 10:1 speed range. Other advantages realized include a smaller, lighter, more power dense machine enabling a less costly tower system. This system is also capable of delivering low start-up torque and is optimally matched with power electronics that allow the system to maintain constant frequency output for grid-tie interface.

"The need for small, efficient, direct drive generators with low cogging for the Asian wind power markets is an excellent fit for LE's technology. There are very few manufacturers in the world that can compete with the cost effective solutions we have provided to date", commented Steve Stover, Director of Business Development for LE.

LE has developed and markets the industry's leading rotating machine technology for permanent magnet motors and generators. Our technology enables the LE GenSmart™ generators and SmartTorq™ motors that LE commercially sells today, and also is the building block for various new applications to come. The application of LE technology allows for greatly reduced machine sizes and active material contents, and thus has proven to be the cost leader in permanent magnet applications of 2 – 200 kW. LE is headquartered in Indianapolis, Indiana, USA, and has manufacturing operations in the Guangdong Province of China.

Please visit www.lt-eng.com for more information, or contact:

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