



LE Introduces World's Most Power Dense Generator Line at Wind Power 2003

May 21st 2003, Austin TX – Light Engineering (LE) received an enthusiastic welcome from the wind power community at the US wind energy industry's largest-ever annual conference. As one of over 115 exhibitors, LE introduced a product range of the most power dense generators ever offered to the wind power industry.

Dr. Bob Fagan, VP of Advanced Development for LE, gave a detailed presentation on the benefits of amorphous metal and permanent magnet (PM) technology in wind power applications. LE machines result in reductions of 65% weight and 80% volume as compared to wound-field or induction generators, and reductions of 40% weight and 45% volume as compared to conventional PM technology. With weight and size having an impact on siting and maintenance costs, the LE solution drew significant interest.

"The positive reaction to LE's product introduction at Wind Power reinforced the growing importance of permanent magnet machines in power generation markets. LE expects several development projects to result from our participation in Wind Power 2003," said Jeff Day, Vice President 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.

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