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NEI Corporation is selected as one of the Top Four Battery Industry Suppliers for 2010

Somerset, NJ – NEI Corporation is proud to announce that it has been selected as one of the top four Battery Industry Component Suppliers of the Year, recognizing outstanding material producers. The list was compiled by judges appointed by the organizers of "The Battery Show 2010". The Battery Show will be held in San Jose, CA from October 5 - 7, 2010. NEI is one of the leading battery material developers in the world, and offers a number of anode and cathode materials for lithium-ion batteries. NEI's efforts are leading to longer cycle life, quick charge/high rate capability, and high energy density batteries for emerging markets such as Hybrid Electric Vehicles (HEV), Electric Vehicles (EVs), telecommunication and utilities, and uninterruptible Power Supplies.

Among NEI's growing line of battery materials is the anode powder, Lithium Titanate (LTO). A zero strain material, LTO has high stability and high rate capability (fully charged in less than 10 minutes), and is an alternate electrode material to the widely used carbon anode. The cycle life of LTO-based batteries exceeds 10,000 cycles relative to ≤500 cycles in conventional batteries. Utilizing an LTO-based battery decreases the number of times required to replace the battery, as well as the need for additional back up batteries. In addition, LTO-based batteries reduce emissions by ~30X, in relation to raw materials manufacturing, shipping, battery manufacturing, installation, and recycling. In 2010, NEI has continued to improve its LTO's performance in rate capability and cycle life, and is one of the best in the industry as reported by customers in terms of capacity per unit weight of the material.

In addition to LTO, NEI offers an array of cathode materials. NEI's modified Lithium Manganese Nickel Cobalt Oxide (MLMNC) provides a high energy density that exceeds 800Wh/kg. This allows one to manufacture batteries with one and a half times the capacity in the same space compared to conventional materials. Similarly, NEI's high voltage spinel cathode material leads to higher power density batteries with more than 80% capacity retention at 20C. NEI's proprietary manufacturing process enables the company to produce large quantities of cathode and anode materials in a very short amount of time, while consuming less energy.

NEI Corporation collaborates with many leading manufacturing companies around the world to develop custom battery materials to meet their demanding application needs. NEI has also built a large volume cathode and anode material manufacturing plant with its joint-venture partner in India. Once the material is developed at NEI on a small scale, it can then be easily manufactured in tonnage quantities at a competitive price by using efficient labor and low cost raw materials. Dr. Ganesh Skandan, CEO of NEI, says, "We are honored to be recognized by the organizers of The Battery Show 2010 as a leading manufacturer and supplier of battery components. NEI prides itself in continuing to pave the way in developing innovative material compositions to help our customers improve their products."

For more information visit: <u>www.neicorporation.com</u>



About NEI Corporation

Established in 1997, NEI Corporation develops, manufactures, and distributes nanoscale materials for a broad range of industrial customers around the world. The company's products incorporate proprietary nanotechnology and advanced Materials Science to create significant performance improvements in manufactured goods. NEI's products include advanced protective coatings, high performance battery electrode materials, and specialty nanoscale materials for diverse applications. NEI has created a strong foundation in the emerging field of Nanotechnology that has enabled the company to become a leader in selected markets. The company is based in Somerset, NJ. For more information, contact NEI Corporation at (732) 868-3141 or visit <u>www.neicorporation.com</u>.