



NDE Begins to Ramp Up To Support Large Commercial Sales

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New Dominion Enterprises, Inc. (NDE) is commercializing new inorganic electrolytes for lithium batteries that augment organic lithium battery electrolytes. The inorganic liquids replace a percentage of the organic materials and improve the thermal performance and chemical stability of the lithium battery electrolytes. Furthermore, they significantly increase operational duty cycles over existing lithium battery technology. The technology has significant economic potential as it solves the key issues – namely flammability and durability – currently faced by lithium battery producers by replacing the some of the organic electrolytes with the inorganic electrolytes. Idaho National Laboratory owns the patent protecting the intellectual property of the innovation and NDE has negotiated an exclusive license to the patent and plans to sell the material to battery manufacturers as a substitute for a percentage of the volume of electrolytes in lithium batteries. The technology has significant market potential in both defense and commercial applications with successful testing already having occurred in multiple Department of Defense sponsored programs. We are currently performing on multiple Phase Two programs with considerable success. NDE is also now scaling to Metric Ton production levels thus significantly accelerating its path towards commercialization.