

Capabilities Statement: NextGen Battery Technologies, LLC

NextGen focus: Development of high-voltage, high energy density batteries with a solid-state electrolyte capable of consistent dendrite avoidance against lithium anodes. NextGen's initial emphasis lay in commercializing a manganese dioxide spinel cathode technology whose intellectual property the company licensed exclusively from a government entity. As the emphasis shifted to higher energy density and higher voltage operation, company activities broadened to development of a solid-state electrolyte whose voltage characteristics could match that of its cathode offerings. While the company interest expanded to include the integration of these systems with lithium anodes as a single system, NextGen is pleased to collaborate with partners to implement any of these materials in their energy storage systems.