Sharon Alicia Simmons, CPA, M.S., JD, PhD CEO and Chief Innovation Officer 2023 Converge Pitch Winner FEDTECH Homeland Security Startup Studio

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## **Technical Assistance Request**

National Renewable Energy Laboratory

- Research assistance on Lithium-ion Battery Leak Failure Analysis for Li-ion Battery Energy Storage Systems
- Research on Solar Second Life Battery Usage and Failure
- Connections to Solar Power Companies affiliated with NREL who integrate, use or supply second life lithium-ion batteries

Office of Energy Efficiency & Renewable Energy

 Federal Contracting Assistance because solar energy plays a significant role in the federal government's strategy for renewable and efficient energy. Because solar systems produce energy on site, they involve unique issues and processes that are addressable by the NAS-LIION technology.

National Labs Divisions of Science and Technology

Request Assistance with Prototyping and Testing (funding and facilitation)

Offices of Women, Minority and Economically Disadvantaged Small Businesses

- Request assistance with business development and market penetration.
- Request connections to companies that can participate in product development.