

PNNL-35403

Development of electrolytes for lithium- ion batteries in wide temperature range applications (Abstract)

CRADA #372 (PNNL #69120)

September 2023

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Farasis Energy, Inc.

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Richland, Washington 99354

Abstract

The purpose of the proposed project is to improve the performances of Farasis' commercial high-energy lithium ion batteries in a wide temperature range. PNNL has developed intellectual property about electrolyte additives and electrolyte formulations to greatly improve the low temperature discharge performance and the long-term cycling stability at room temperature and elevated temperatures of lithium ion batteries.

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