# Project Title

A Direct Methanol Fuel Cell-Solid State Lithium Ion Battery Hybrid Power System for Portable Applications

# Lead Organization

Process Group Incorporated

# Organization Type

Business, < 500 employees

# Principle Investigator

Branden Kappes

# Key Participants

Chunmei Ban, National Renewable Energy Laboratory  
Steven Christensen, National Renewable Energy Laboratory  
Katherine Hurst, National Renewable Energy Laboratory  
Cristian Ciobanu, Colorado School of Mines

# Technical Subcategory/Subcategories

Primary: Category 7: Other, Subcategory L: Portable Power  
Secondary: Category 3: Transportation, Subcategory D: Fuel Cells - Transportation