Bipartisan Infrastructure Law (BIL) Electric Drive Vehicle Battery Recycling and Second Life Applications

FOA # DE-FOA-0002680

Applicant	Location city, state	Project Description	Federal Share
AOI 1: Advanced Materials Separation, Scale-Up, and Reintegration for Lithium-Ion Battery Recycling for the Battery Supply Chain			
American Battery Technology Company	Reno, NV	Advanced Separation and Processing Technologies for Enhanced Product Recovery and Improved Water Utilization, Cost Reduction, and Environmental Impact of an Integrated Lithium-Ion Battery Recycling System	$9,999,378
Retriev Solutions	Indianapolis, IN	A Novel Integrated End-to-End Processing of End-of-Life EV Batteries for Remanufacturing of New EV Cells	$7,424,242
Michigan Technological University	Houghton, MI	Supplying Refined Battery Materials into the United States Electric Vehicle Battery Supply Chain by Synergizing Lithium-ion Battery Recycling with Mine Waste Reclamation	$8,137,783
The Regents of the Univ. of Calif., U.C. San Diego	La Jolla, CA	Development and Scaling Up of the Purification and Regeneration Integrated Materials Engineering ("PRIME") Process for Cathodes Direct Recycling and Upcycling	$10,000,000
Princeton NuEnergy Inc	Bordentown, NJ	An Environmentally Sustainable Solution to Completely Recycle and Upcycle Lithium-Ion Battery Components	$10,000,000
AOI 2: Second Use Scale-Up Demonstration Projects			
RePurpose Energy, Inc.	Fairfield, CA	Second Life Battery Microgrid Demonstration Enabled by Advanced State of Health Tracking	$6,000,000
The University of Alabama	Tuscaloosa, AL	Adaptive Second-Use Battery Utilization with Different Degradation Levels for EV Charging Stations and Power Grid Support and Resiliency	$4,000,000
Tennessee Technological University	Cookeville, TN	Second-life Battery in Mobile EV Charging Application for Rural Transportation (SMART)	$4,531,642
Element Energy, Inc.	Menlo Park, CA	MW-Scale Swappable and Reusable Second-Use EV Battery Energy Storage Unit for Maximum Cost-Effectiveness	$7,888,476
Smartville Inc	Carlsbad, CA	Low-Cost And Scalable Second Use Battery Demonstration In Central California For Equitable Domestic Manufacturing And Job Growth	$5,999,525