

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

Team Name: Battery Pack

A Public Document

Primary Submitter: Matthew Weaver

City and State: Somerville, MA

Member Names: Magali Spinetta, Tony Dopazo, Matthew Weaver, Sean O'Day (Titan AES), Sean Becker (Spark Plug Power), Reece Daniel (Som-EV), Alan Killian (Artisan's Asylum), Jack Hawkins (Earthworm), Ed Gilbert (Brookline Recycling Center), Newton Resource Recovery Center

Submission Title: Li ion Share

Submission Track: Track 5: Other Ideas

Abstract:

There is an enormous amount of potential wasted in batteries when they are recycled before their end of life. We believe that most batteries in the recycling stream have more life to live.

Li ion Share processes these batteries into recycled battery packs for transportation and energy storage applications. While collecting, separating, characterizing and sorting 100% of the local recycled batteries, we will build the infrastructure to meet the energy storage demand where it's at.

With scale and optimization, we'll supply Mega-Watts of local energy storage and the power needed to keep the lights on and the economy moving.



Lithium-Ion Battery Recycling Prize

*Supported by the U.S. Department of Energy Vehicle Technologies Office and Advanced Manufacturing Office;
Administered by the National Renewable Energy Laboratory*