

LITHIUM-ION BATTERY RECYCLING PRIZE



A Public

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Submission Title:	Repower: Second-Life Battery Program
Submission Track:	Track 5. Other Ideas



Concept

A business model based on recapturing unused power from LIBs by incorporating them into the supply chain for a valuable product. Revenues will fuel, finance and enable a collection system for recycling 90% of LIBs.

Approach

We combine community organization, small business creation, and a technical solution to capture distributed and difficult to collect LIBs and to create revenue streams to support the effort.

Potential Impact

- Self-sustaining collection network for recycling batteries
- Building markets for alternative energy solutions by solving storage problems
- Promoting business startups and job creation in a hub-and-spoke model of decentralized collection and sales and centralized processing
- Maximizes the energy contribution of LIBs while providing a mechanism for their ultimate recycling