

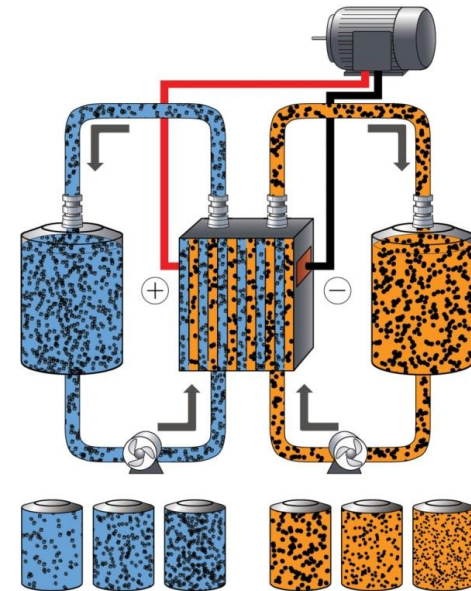
## 1. Technology Summary

- **Revolutionary Electrical Energy Storage Concept**
  - Combines best attributes of rechargeable batteries and flow cells
  - Decouples energy storage from power delivery
- **Semi-solid Electrodes Deliver High Energy Density, Low Cost**



## 2. Technology Impact

- **Reduce Greenhouse Gases**
  - Replaces inefficient, polluting gas peakers
  - Zero point-of-use emissions
  - Enables high penetration of renewable energy
- **High Value in Multiple Grid Environments**
  - Highly compact for cities, community energy sites
  - Multi-MWh capacity for PV and Wind farm use
- **U.S. Competitive Advantage in Advanced Energy**
  - Develop and bring to market a Breakthrough Technology invented in America.



## 3. Key Personnel

- **24M:** T. Tan, T. Wilder
- **MIT :** Y.-M. Chiang, W. C. Carter, A. Belcher, P. Hammond
- **Rutgers:** G. Amatucci