STORING THE WORLD'S ENERGY

Flow Batteries: Harnessing Renewable Energy

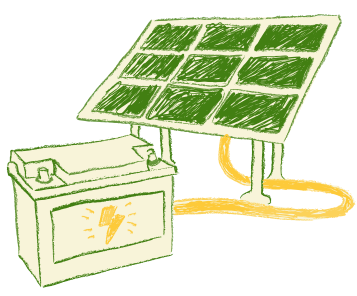
Flow batteries provide an attractive option to reduce utility costs and to enhance renewable energy applications.

Peak Shaving

- Proactively manage demand to cut costs
- Engage flow batteries during periods of high demand
- Charge during lowest cost periods

Renewable Energy Storage

- Efficiently store excess power
- Apply flow batteries for renewables with long discharge times
- Enjoy off-grid independence



The Right Pump for the Job

Centrifugal pumps built with specific key features can significantly improve system efficiency, service life, and safety of flow batteries.

Non-Conductive Materials

- Enhance safe operations in highly charged environments
- Maximize insulation to ground
- Maximize ability for storage of highly charged fluids

Flexible Designs

- On-the-grid and stand-alone installation options
- Multiple configurations for diverse applications

High Efficiency

- Low power consumption
- Broad hydraulic coverage for high-efficiency fit

FINISH THOMPSON INC.

Durability and Reliability

- Long lifecycle – up to 20 years
- Non-wearing components
- Pumps are designed for low radial loads & high reliability
- Sealless leak-free pump technology