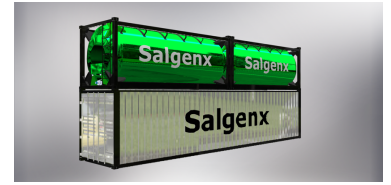




# Saltwater Battery Conference

## Zurich Switzerland

Thursday April 25 and Friday April 26  
( Registration Closes April 19 )



### Thursday April 25 2024

Welcome and Introduction

Membrane Flow Batteries

- Zinc-Bromine
- Vanadium
- Other Variants

Saltwater Flow Battery

- No Membrane
- Charging and Discharging
- Unique Applications
  - Desalination
  - Thermal Storage
  - Graphene Production
  - Novel Design

Lunch Break

Market and Applications

- Tax Credits in USA (if no participants from USA, then will skip)
- Carbon Credits
- Limitations

Questions and Answers

Note: Meeting notes available via PDF download after Conference. Minimum 20 participants needed for conference.

### Friday April 26 2024

**Manufacturing Day**

Welcome and Introduction

Manufacturing and Fabrication Considerations

- Tank and Shipping Containers
- Liquid Electrolyte
  - Pumps

Electrolyzers

- No Membrane
- Flow Control
- Liquid Electrolyte Considerations
- Anode Fabrication
- Cathode Fabrication
  - Cathode Materials
  - Electrode Formats

Lunch Break

Electronics and Battery Management System  
(by a electrical engineer)

- Charge Controller
- Limitations
- Inverter
- Stacks

Software Considerations

- Battery Management
- Novel Applications Management
- Grid Based Arbitrage and Applications Priority
- NVIDIA AI API Integration

Questions and Answers

End of Conference

**One-day:** The purpose of the one-day conference is to introduce the saltwater battery for grid-scale energy storage, and the challenges and benefits of commercialization.

**Two-day:** The purpose of the second day is focussed for manufacturers and addressing the challenges in bringing this unique technology to market, including tax credits, carbon credits, and a more in-depth understanding of the manufacturing and assembly process.

