

# Rainhouse's REV-BESS

Our groundbreaking venture, the Repurposed Electric Vehicle Battery Energy Storage Solution (REV-BESS), focuses on repurposing electric vehicle battery packs for efficient energy storage. This initiative is a crucial element in the battery energy storage solution value chain. To be a viable alternative for remote communities, energy storage and delivery must be both effective and affordable.

The REV-BESS involves building a repurposed battery energy storage system with second-life electric



vehicle battery packs, ranging from 1MWh to 10MWh capacity. This versatile energy management system utilizes batteries from various automotive manufacturers. Moreover, it includes the development of a groundbreaking "pay-per-use" business technology solution, offering low-cost leasing options for small Canadian municipalities.

## REV-BESS Achievements

At Rainhouse we've achieved remarkable milestones in the development of our REV-BESS project. From successful tests to strategic partnerships, each step brings us closer to revolutionizing energy storage. Currently, we are scaling the REV-BESS from a 100kWh containerized system to a 1MWh solution, suitable for connecting behind the meter or to an energy grid. Thank you for your continued support, and stay tuned for upcoming developments and the continued growth of our REV-BESS.



*Battery Technology and Energy Storage  
2023 CICE Changemaker Award*