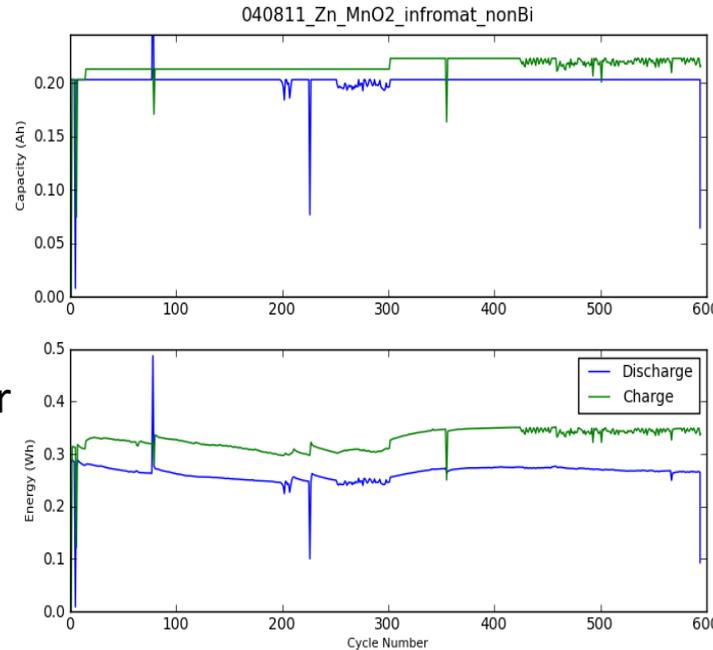


“Low Cost Grid-Scale Electrical Storage Flow Assisted Rechargeable Zn-MnO₂ Battery”

- Several formulations of MnO₂ material cycled in 1.5 Ah Zn-MnO₂ batteries have reached >500 cycles
- Demonstrating the cycleability of MnO₂ under the correct conditions



- Extremely Inexpensive \$100 /kWh achievable
- Flow Assist Solves Zn anode dendrites
- Non-toxic, Water Compatible
- MnO₂ price low \$1200/MT

MnO₂ Materials



Zn-MnO₂ Anode Flow Cell



1000 Ah Zn Anode Battery

