

Supplementary material for the manuscript:

“Modeling of a Non-Aqueous Redox Flow Battery for Performance and Capacity Fade Analysis”.
D’Adamo et al. 2024.

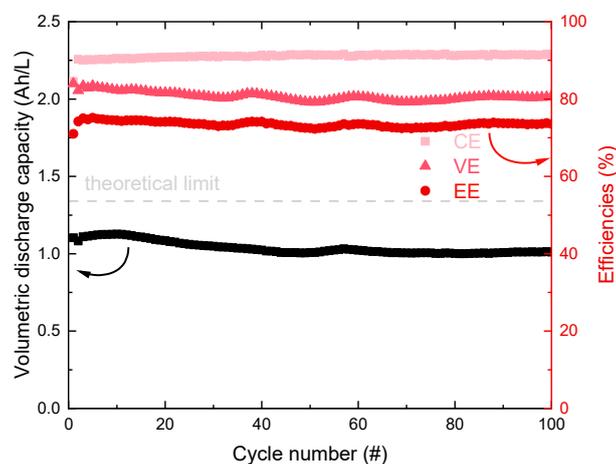


Figure S1. Flow cell cycling of 0.05 M **ETN** and **MEEPT** in 0.2 M of TBAPF₆/ACN – Volumetric discharge capacity (black) on y_1 -axis (left) versus cycle number and coulombic, voltaic and energy efficiencies (light rose, rose and red) versus cycle number on y_2 -axis (right). The dashed line represents the maximum theoretical capacity.

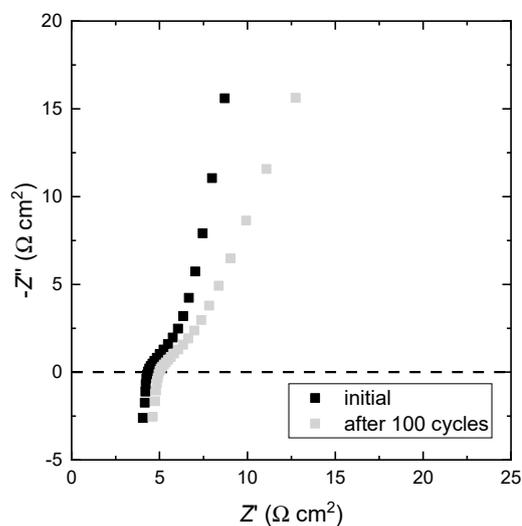


Figure S2. Potential electrochemical impedance spectroscopy (PEIS) of the flow cell cycling with 0.05 M **ETN** and **MEEPT** in 0.2 M of TBAPF₆/ACN (cycling shown in Figure S1) using a Daramic 175 porous separator before and after cycling for 100 cycles. The intersect with the Z' -axis represents the DC resistance originating from cables, membrane, and solution.