Electronic Supplementary Material (ESI) for Energy & Environmental Science This journal is $\ensuremath{\mathbb{C}}$ The Royal Society of Chemistry 2012

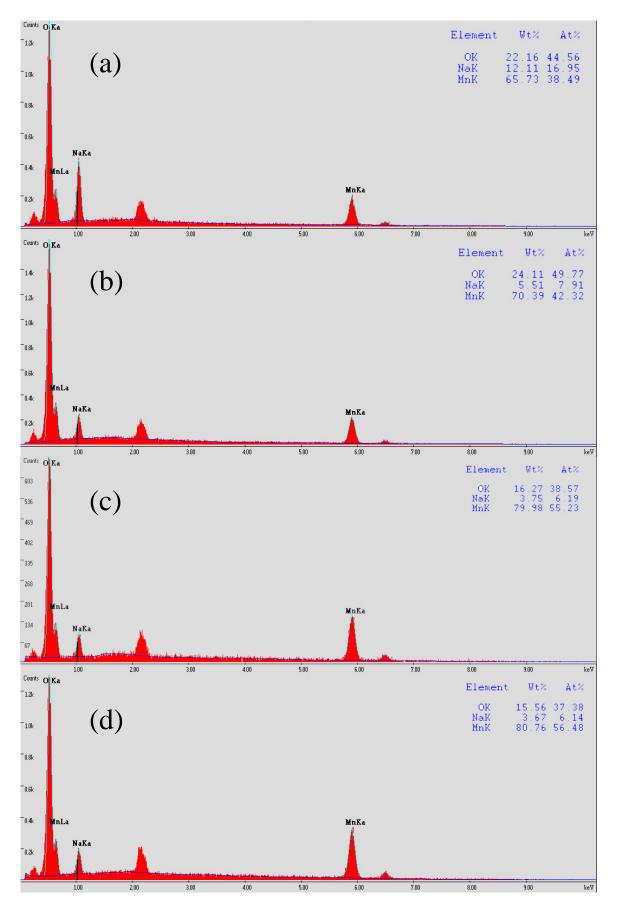


Figure S1. Raw EDX spectra of pristine and acid-leached phases. a) pristine $Na_{0.44}MnO_2$; b) acid-leached $Na_{0.44}MnO_2$: 15 min; c) acid-leached $Na_{0.44}MnO_2$: 1 hour; d) acid-leached $Na_{0.44}MnO_2$: 24 hours

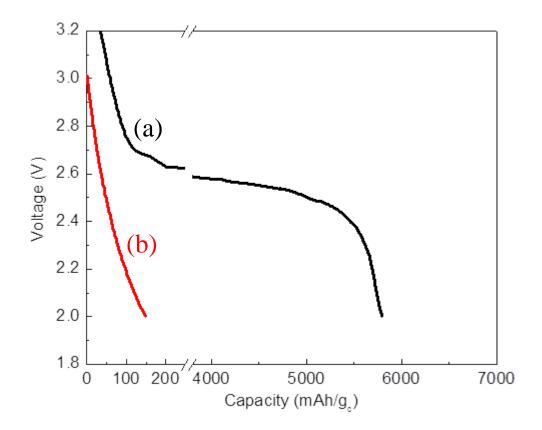


Figure S2. First electrochemical discharge curves for cathodes containing pristine $Na_{0.44}MnO_2$ nanowires under (a) oxygen and (b) argon. These results show that the $Na_{0.44}MnO_2$ nanowires account for roughly 3% of the total discharge capacity of the catalyst-based Li-O₂ cell.