

Supporting Information

Table S1: Available physical properties of Ti foam along with those of traditional SGL and Toray GDLs for comparison.

Material	Thickness (μm)	Porosity (%)	Relative density
Toray 060	190	78	0.22
SGL 35BC	325	80	0.2
Ti foam	230	66	0.34

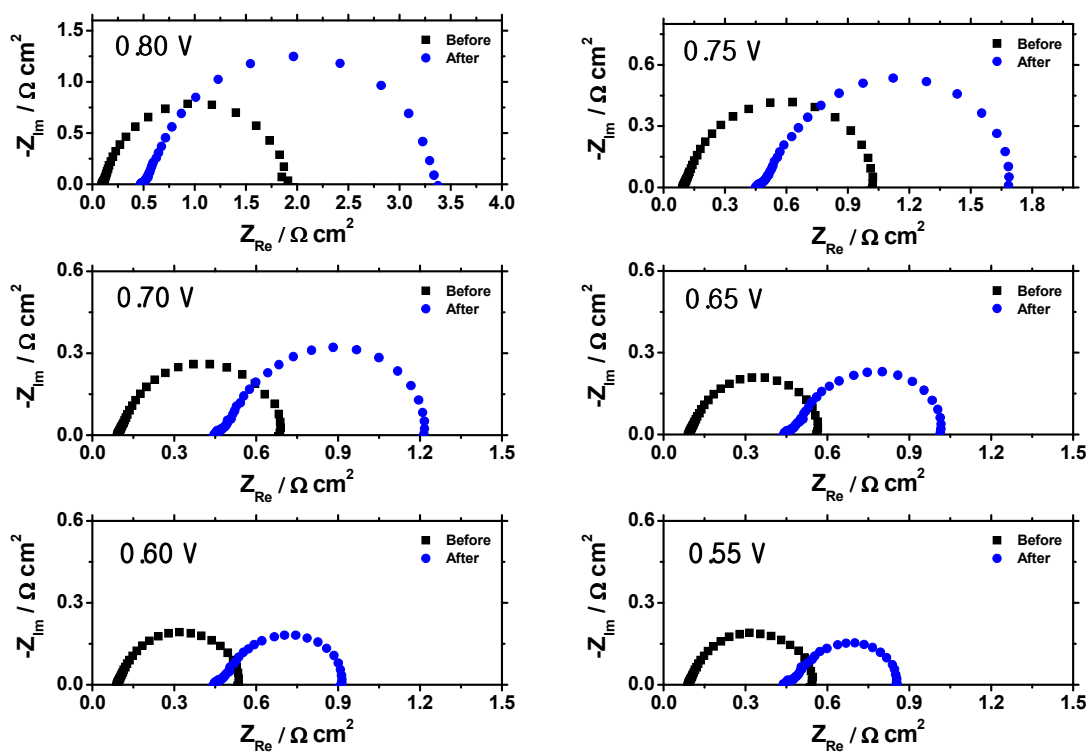


Figure S1. EIS measurements for the Ti foam cathode GDL by operations under H_2/air supplementations with a cell potential ranging from 0.55 V to 0.80 V both before and after the ACT test.