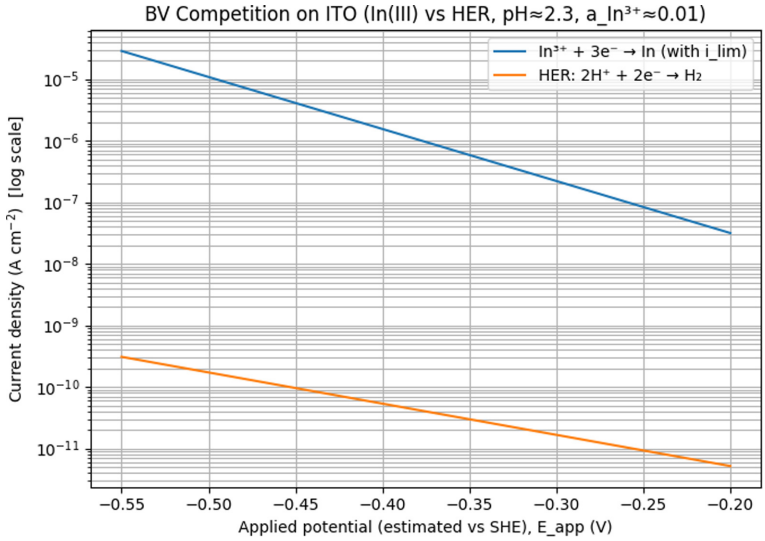

Fig. S3. Butler–Volmer estimates of cathodic competition between In^{3+} reduction ($In^{3+} + 3e^- \rightarrow In$, blue) and HER (orange) at 25°C. Calculations assume representative kinetic parameters and include a diffusion-limited current density for In^{3+}.

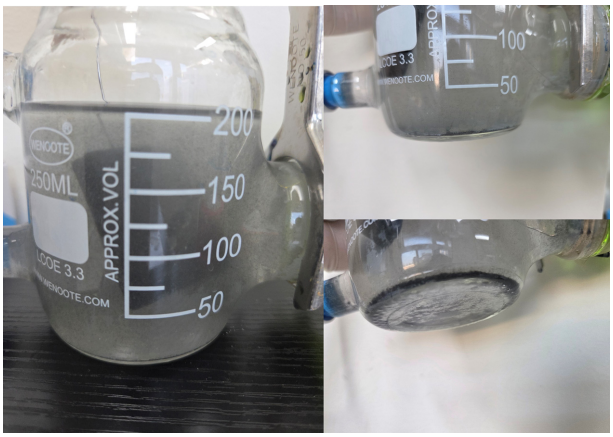

Fig. S4. Photograph of the abiotic carbon-felt anode operated under the solar-assisted bias (~1.25 V). Severe corrosion, carbon detachment, and discoloration of the anode and electrolyte were observed due to oxygen evolution reaction (OER) at the anodic surface.