

Review of: "Flow Batteries From 1879 To 2022 And Beyond"

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Potential competing interests: No potential competing interests to declare.

The manuscript provides a very interesting historical perspective of the flow battery developments in general together with the very educating breakdown of the vanadium flow battery developmental steps in particular. It provides the reader with an extensive and well-chosen bibliography both for the background and the future reading.

Both the economical and the technological advantages and disadvantages of the vanadium flow batteries and the lithium solid state batteries are clearly explained while making a trustworthy disclosure of all the assumptions and uncertainties employed in the comparative analysis.

I recommend the paper for publication with just a few technical corrections required:

Detailed remarks

Page 4: Fig.1 is missing

Page 8: the word "solubility" is missing on the y-axis label

Page14: Fig. 11a is missing