

Title: Factors affecting flow battery performance

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Several factors influence flow battery efficiency, including electrolyte composition, membrane and electrode materials, operating conditions (temperature, flow rate, current ...

Iron/iron redox flow batteries (IRFBs) are emerging as a cost-effective alternative to traditional energy storage systems. This study investigates the impact of key operational ...

The effects of the key parameters on redox flow battery performance are reviewed. Electrode activation and felt compression are the most significant factors. Electrolyte additive and flow ...

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