SolarMax Energy Systems

Large-scale liquid flow energy storage

Overview

Associate Professor Fikile Brushett (left) and Kara Rodby PhD ’22 have demonstrated a modeling framework that can help guide the development of flow batteries for large-scale, long-duration electricit.

flow batteries represent a interesting evolution in energy storage technology, harnessing the power of flowing electrolyte fluids to deliver electricity dynamically. Unlike customary batteries that rely on solid electrodes, flow batteries use liquid electrolytes stored in external tanks, allowing for a scalable and modular design.

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Demonstrate large scale zero loss

storage and transfer of LH2 Demonstrate hydrogen densification inside the storage tank Demonstrate in situ hydrogen ...

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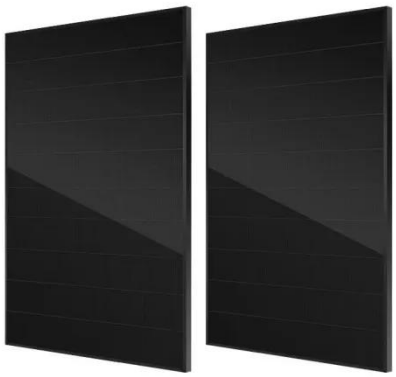

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