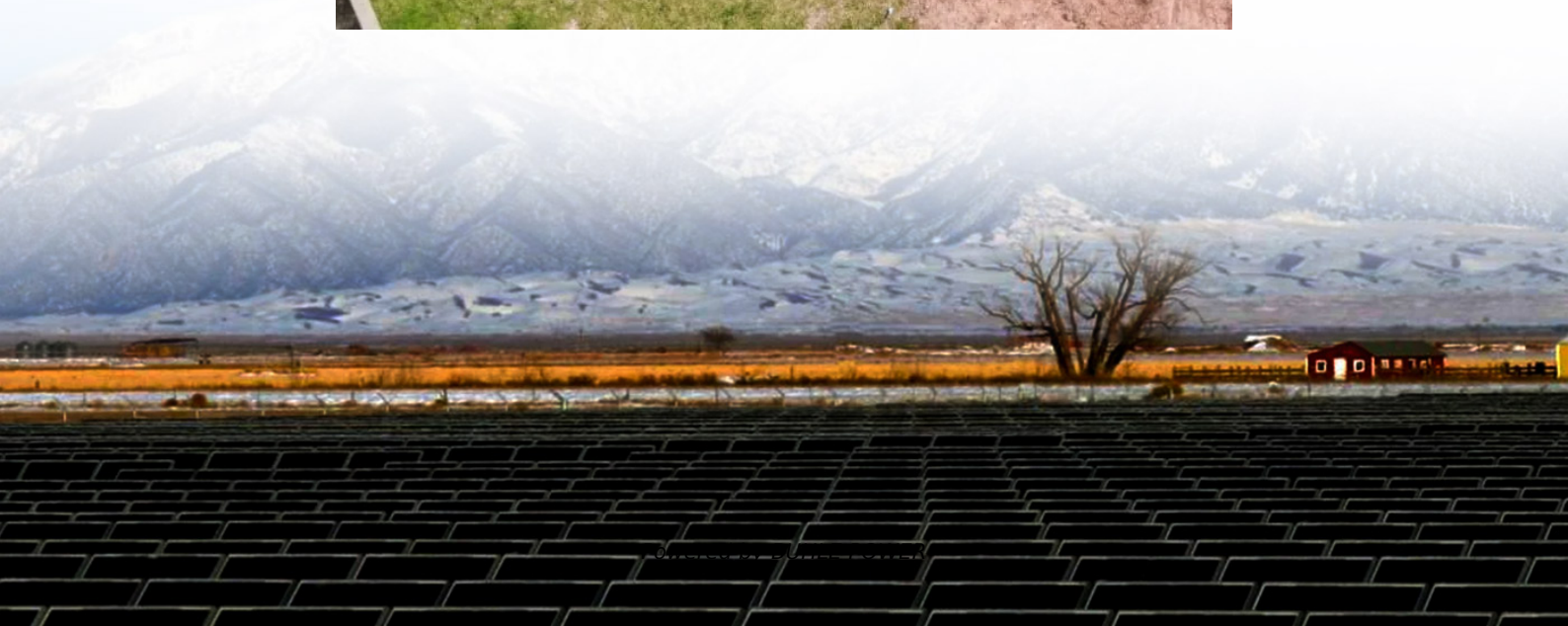


# Key Project of Flow Battery





## Overview

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What is flow battery technology?

Flow batteries are a new entrant into the battery storage market, aimed at large-scale energy storage applications. This storage technology has been in research and development for several decades, though is now starting to gain some real-world use. Flow battery technology is noteworthy for its unique design.

Why is a flow battery important to China's Energy Future?

It also plays an important role in regulating energy supply and frequency, making it a key component of China's sustainable energy future. Rongke Power, a pioneer in flow battery technology, previously developed the 100 MW/400 MWh Dalian system in 2022, the largest of its kind at the time.

How do flow batteries work?

Flow batteries consist of two large separate tanks containing a liquid electrolyte. The battery operates by pumping the two separate electrolytes through a cell to allow ion transfer between the two liquids. A membrane prevents the two liquids from mixing. vanadium redox flow batteries.



## Key Project of Flow Battery

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