

Vanadium Flow Batteries Revolutionize Renewable Storage

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The Grid Storage Dilemma

You know how everyone's buzzing about solar and wind power these days? Well, there's a dirty little secret we don't often discuss - renewable energy storage isn't keeping pace with generation. Last month alone, California's grid operators curtailed 2.4 GWh of solar power because they couldn't store it. That's enough electricity to power 80,000 homes for a day!

Traditional lithium-ion batteries, while great for EVs and phones, struggle with grid-scale applications. They degrade too quickly (

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