

U.S. Department of Energy Funding Flow Battery R&D

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(By [Christopher Hall](#))



The Department of Energy (DOE) recently announced that it will be awarding up to \$20Million to support research and development of emerging flow battery storage technology. The DOE's announcement can be [found here](#). Battery storage has been identified by the DOE as an integral piece of the puzzle to modernizing our grid and enabling the deployment of additional renewable energy resources. Regarding flow battery technology, the DOE stated that "while lithium-ion batteries are commonly used in electric vehicles and portable devices for various applications, flow batteries are particularly well-suited for grid storage needs." The DOE aims to incentivize development of scalable and cost-effective "mid-sized" flow battery systems (between 10 to 100kWh). This funding opportunity follows several other recent announcements supporting the growth of energy storage, including the DOE's [Energy Storage Grand Challenge](#), a Department-wide program to accelerate the development, commercialization, and utilization of next-generation energy storage technologies and sustain American global leadership in energy storage, and a recently proposed [Federal Bill](#) to introduce a federal tax credit for energy storage, similar to those available to solar and wind projects.

Tags: [battery storage](#), [Department of Energy](#), [DOE](#), [Energy Storage Grand Challenge](#)

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