New Energy Storage Support

Why do we need energy storage solutions?
As the global energy transition accelerates, the need for reliable, scalable and cost-effective energy storage solutions has never been greater.

What is the future of energy storage?
Storage enables electricity systems to remain in balance despite variations in wind and solar availability, allowing for cost-effective deep decarbonization while maintaining reliability. The Future of Energy Storage report is an essential analysis of this key component in decarbonizing our energy infrastructure and combating climate change.

How can energy storage technology improve resiliency?
This FOA supports large-scale demonstration and deployment of storage technologies that will provide resiliency to critical facilities and infrastructure. Projects will show the ability of energy storage technologies to provide dependable supply of energy as back up generation during a grid outageor other emergency event.

Why do we need a co-optimized energy storage system?
The need to co-optimize storage with other elements of the electricity system,coupled with uncertain climate change impacts on demand and supply,necessitate advances in analytical tools to reliably and efficiently plan,operate,and regulate power systems of the future.

Can energy storage solutions deliver more reliable electricity to New York communities?
NYSERDA President and CEO Doreen M. Harris said,"The possibilities created by innovative energy storage solutions can safely deliver more reliable electricity to New York communitiesas part of building an affordable and resilient zero-emission future.

Was 2024 a good year for energy storage?
For a good overview of the energy storage situation at the end of last year,focused on batteries collected to act at grid scales,read " 2024 was a fantastic year for energy storage" (Julian Spector,Canary Media).

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