

Emerging Energy Storage Technologies Review

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Summary

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Electrical energy storage has the potential to increase the effectiveness of distributed energy resources and can provide reliability and resiliency to the power grid. However, concerns still exist in regards to the safety, reliability and cost of electrical energy storage. To address these concerns, new technologies are being developed that hold promise for a more safe, reliable, and cost effective electrical storage system. This presentation will review some of these emerging technologies and their status towards commercialization.

Biography

Dan Borneo, Principal Investigator, DOE/OE Energy Storage Systems Projects, Sandia National Laboratories

Dan Borneo is a Professional Electrical Engineer and Principal Member of Technical Staff at Sandia National Laboratories. He holds both a BSEE and MSEE from the University of New Mexico. He serves as the principal investigator and project leader for the Department of Energy/Office of Electricity Electrical Energy Storage Systems Testing and Demonstration Program. His primary focus is collaborating with representatives of the energy storage industry, academia, and state energy groups to facilitate moving innovative electrical energy storage technologies and systems to commercialized products and services.

Paper

This presentation is a slide presentation only. There is no written paper accompanying this presentation.