

Innovative Projects Session



Presented By

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The ultimate definition of innovation

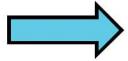
Executing an idea which addresses a specific challenge and achieves value for both the company and customer

Session Panelists

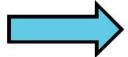
- Gideon Katsh (National Grid)
 - *Nantucket Energy Storage*
- Clay Koplin (Cordova Electric Cooperative)
 - *Cordova - Hybrid hydro + storage*
- Derrick Terry (Navjo Tribal Utility Authority)
 - *Navajo Tribal Utility Authority*
- Craig Horne (Wellhead Electric Company)
 - *NGCC + ES for short duration peaks*
- Anne Kimber (Iowa State University)
 - *Portable Microgrids*

Energy Storage Project Support Process

Sandia Services



Analysis - Application, System Size, ROI, Technology, Technical RFP



Codes, Standards, Best Practices (Fire Protection, Controls, Data Acquisition)



RFP review, Design review, Shop Drawing review

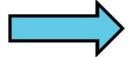
Factory Test and Commissioning



FAT and Commissioning plan review, witness of testing

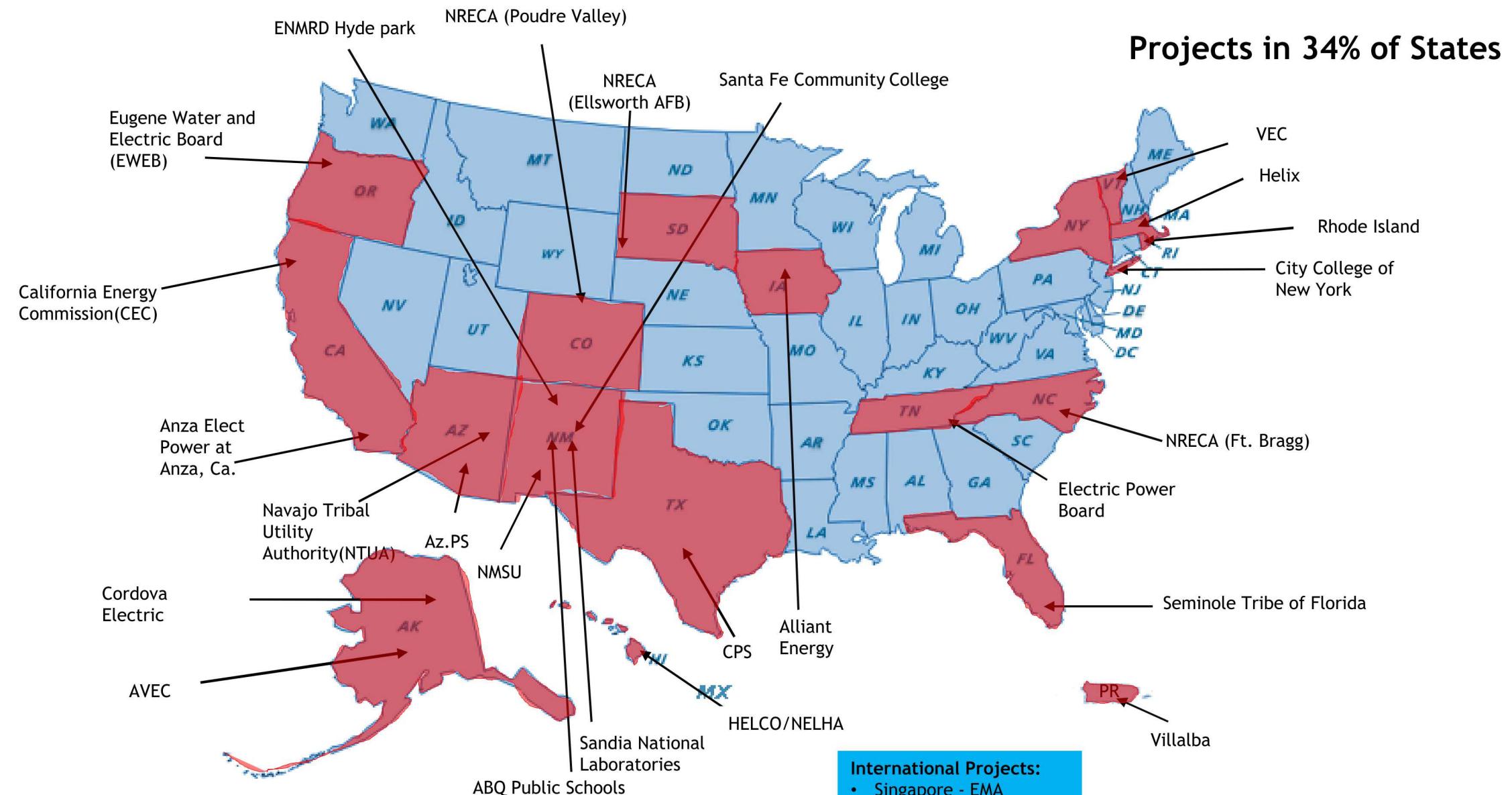


Shakedown/ Operation/ Punchlist Closeout



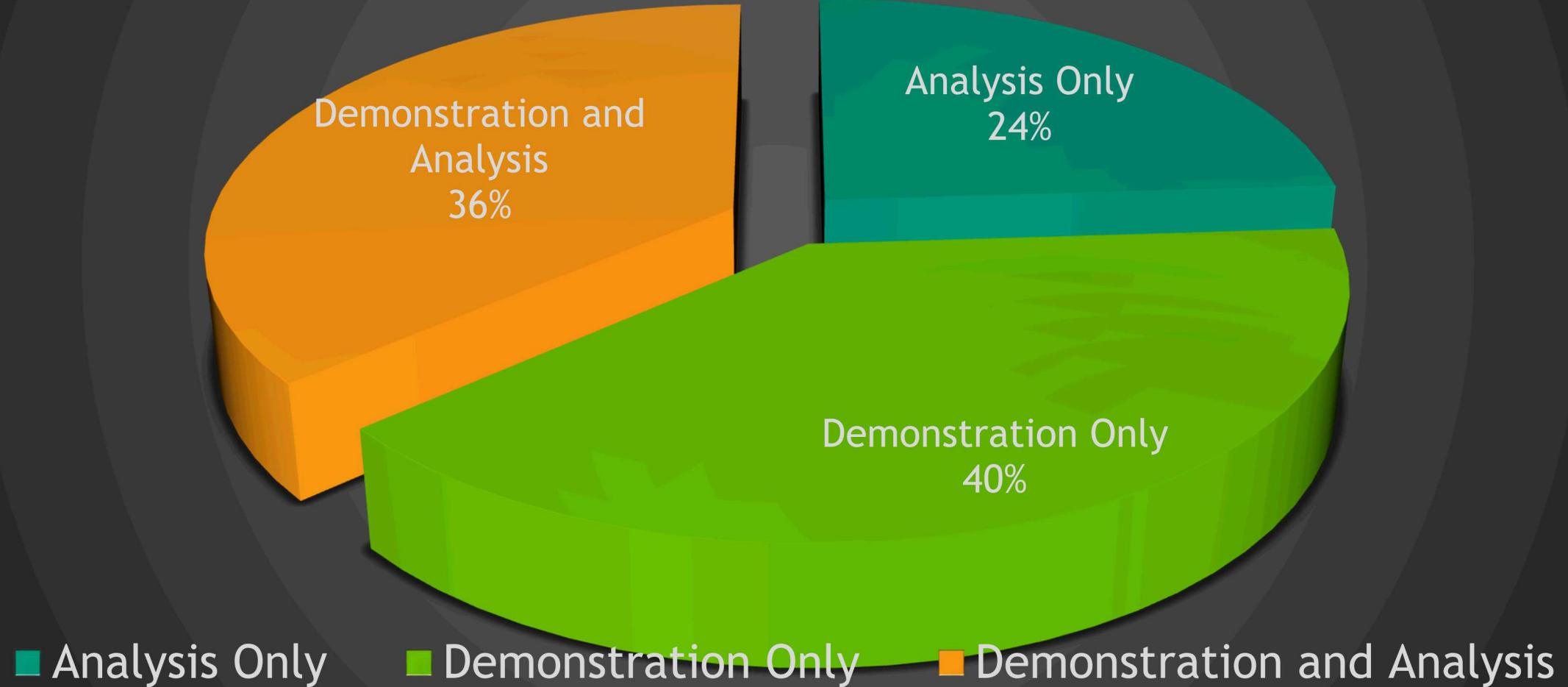
Operation monitoring and analysis, lessons learned

5 Sandia FY20-25 Projects



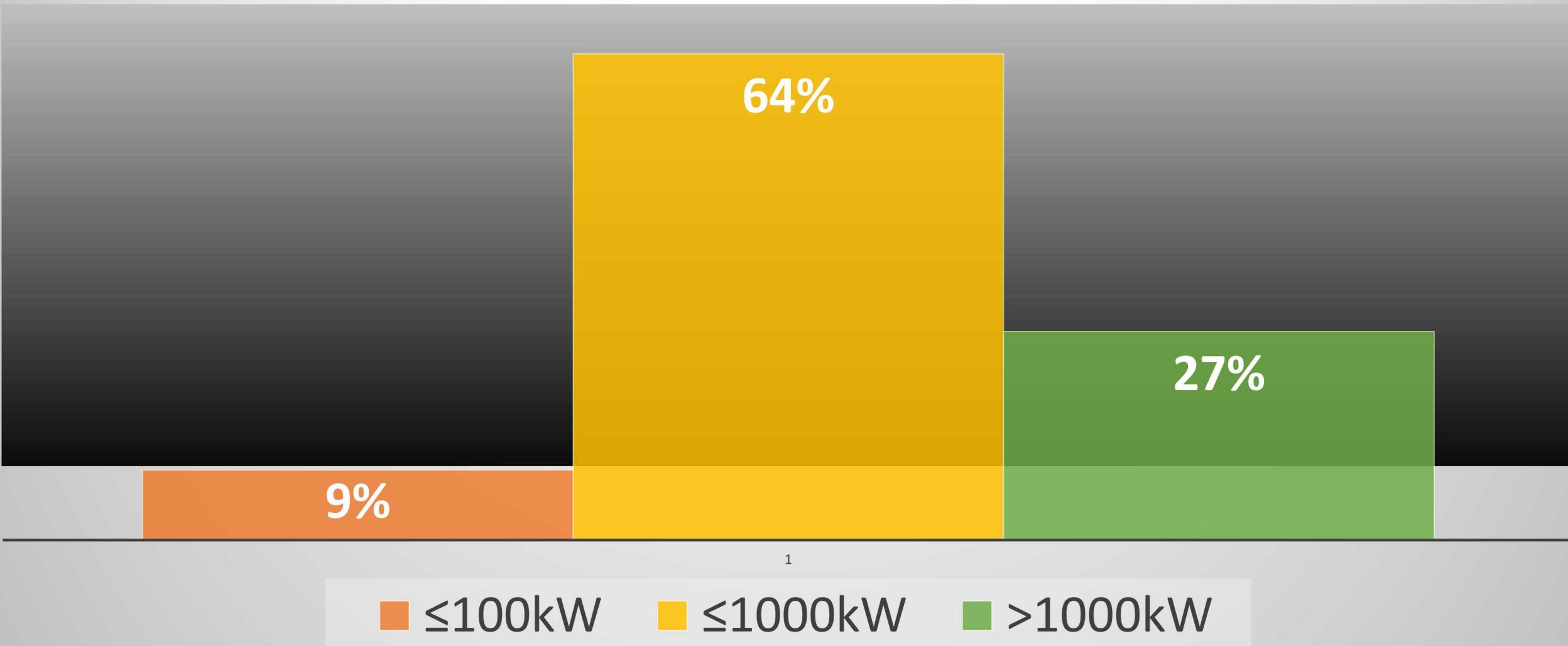


Sandia Demonstration Projects: 25 Total

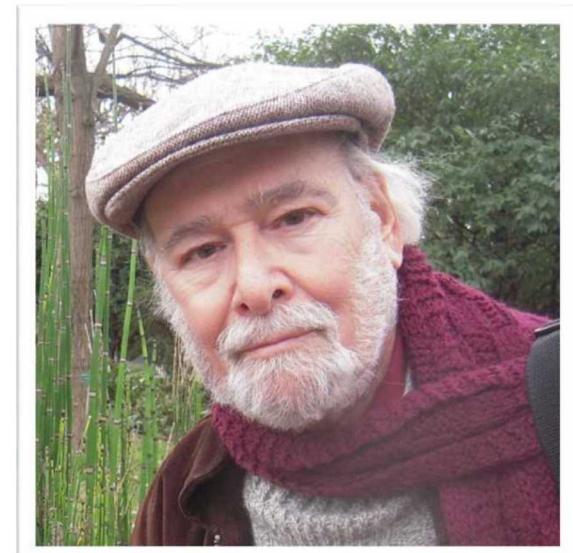




Demonstration Energy Storage System Sizes



Thank you to Dr. Imre Gyuk (Director of Energy Storage Research at the Department of Energy Office of Electricity) for the support and direction that has made energy storage what it is today.



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