Analysis of Smart-Grid Battery Energy Storage Applications

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Research Goals:

• Identify niche applications for distributed energy storage
• Develop economic operational strategies for distributed energy storage applications
• Value energy storage in those applications using a model-based framework
• Develop business models to promote adoption of distributed energy storage by utilities and their customers
Research Progress

The Value of Community Energy Storage for Load Shifting

The Islanding Lifetime of Community Energy Storage During an Outage

August-February 2011

- Mean (No Solar)
- Range (No Solar)
- Mean (Solar)
- Range (Solar)