

New England Electricity Restructuring Roundtable



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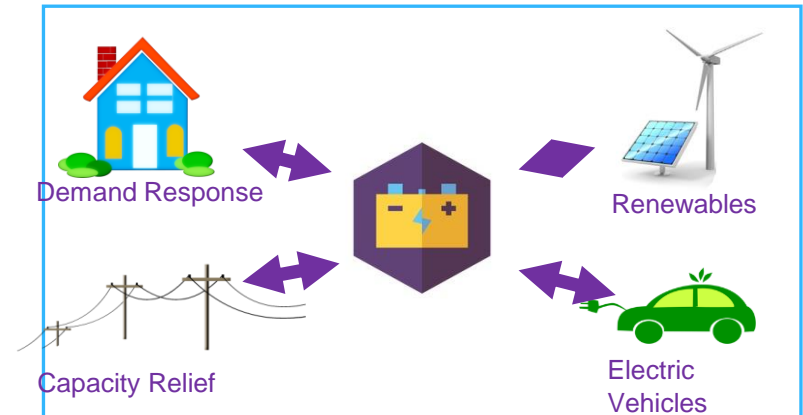
Energy Storage: Real (&Diverse) Projects

12/09/2016 Meeting

Battery Storage Demonstrations - MA

Description

- Lithium-ion battery storage demonstration in Shirley Massachusetts, in conjunction with Company owned large-scale solar facility
- Two flow battery demonstrations (DOE backed) in Shirley Massachusetts integrated with renewables; customer-owned wind and National Grid owned solar



Value

- Demonstrate storage as a renewable integration approach; minimises impact of intermittency on the grid
- Gain familiarity with two different emerging battery storage technologies
- Identify steps to reduce hard and soft integration costs



Shirley, MA : Lithium Ion Battery

nationalgrid











What is Next?

- Potential energy storage installations to support power growth on Nantucket Island
- Energy storage as DR practice at customer facilities
- Build up to 7 MW battery storage alongside solar facilities at targeted locations (pending DPU decision)
- Collaborate with DOER and other State agencies on supporting and advancing the Commonwealth ES policies and goals

