

March 12, 2014

Proposed jointly by the EAC Smart Grid (lead) and
Energy Storage Subcommittees

A “National Strategy for Distributed Energy Storage in the Electric Grid” White Paper

Presented by Merwin Brown, CIEE



Scope

- Purpose: Status and recommendations to DOE regarding Distributed Energy Storage
- Genesis: Will link to - build on - the EAC Energy Storage Subcommittee Report: "A National Grid Energy Storage Strategy" 2014
- Report Format: White paper
- End Date Target: End of CY 2014
- Likely Focus:
 - Broad Analysis: Institutional, technological, customer, etc.; Safety to be covered in a companion report
 - With a DOE perspective

Next Steps

- Get agreement to proceed.
- Form a task force
 - Merwin Brown, Wanda Reder, Tom Sloan, Phyllis Reha, Carlos Coe, Carl Zichella, Clark Gellings, and new members.
- Refine purpose statement, scope and draft outline
 - 1st draft outline was completed 2/2014
- Define “distributed energy storage” for this study
 - How does it contrast with “utility scale energy storage?”
 - e.g., only having direct impact on the utility electric system? Only electricity-in/electricity-out? Both sides of the meter? Voltage at which connected?
- Panels:
 - Incorporate relevant information from “Distributed Resource Integration” Panel for EAC March 12th meeting.
 - Propose a panel on distributed energy storage experts for the “June 2014” EAC meeting.