Workshop Objectives

1. To increase understanding within the electric utility and air conditioning manufacturing communities about the risks to electricity reliability associated with fault-induced delayed voltage recovery;

2. To share recent utility industry experiences that provide the basis for this concern and the efforts that they are currently undertaking to address them;

3. To present technical information on what is known about the underlying electrical phenomena, both from a macro or system level perspective, as well as from a micro or device level perspective;

4. To review and discuss technical options, on both the supply and demand-side, to address these concerns, including their cost, timing, and relative efficacy, toward understanding the appropriate elements needed for a coordinated and balanced response.

Workshop Agenda

8:00 – 8:30  Welcome
  •  David Meyer, U.S. Department Of Energy, Office of Electricity Delivery and Energy Reliability
  •  David Nevius, North American Electric Reliability Corporation (invited)

8:30 – 8:45  Workshop Overview and Recap of 2008 Workshop
  •  Joe Eto, Lawrence Berkeley National Laboratory

8:45 – 9:45  NERC Transmission Issues Subcommittee White Paper – Introduction to FIDVR
  •  Eric Mortensen, Chair NERC Transmission Issues Subcommittee
  •  Bob Cummings, NERC

9:45 – 10:00  Break

10:00 – 12:00  Recent Efforts to Improve Our Understanding of FIDVR
  •  Bob Cummings, NERC (moderator)
  •  Dmitry Kosterev, Bonneville Power Administration
  •  John Undrill, John Undrill, LLC
  •  Richard Bravo, Southern California Edison

12:00 – 1:00  Lunch
1:00 – 3:00  **Roundtable Discussion of Outstanding Issues and Options for the Path Forward**
- Joe Eto, LBNL (moderator)
- Bob Cummings, NERC
- Bob Snow, Federal Energy Regulatory Commission
- David Till, Tennessee Valley Authority

3:00 – 3:15  Break

3:15 – 4:00  **Summary, Discussion, Next Steps, and Wrap Up**
- Joe Eto, LBNL
- Bob Cummings, NERC