The National Regulatory Research Institute’s Work on Reliability: Alternative Directions

Presented to the NARUC Staff Subcommittee on Electric Reliability

By
Robert E. Burns, Esq.

Sunday, February 13, 2005
NRRI’s Past Work on Reliability

• In the past, the NRRI has completed four products or services at the behest of the Staff Subcommittee
  – The 2001 NRRI/NARUC Staff Subcommittee Survey on State Policies on Electric Reliability was completed and placed in a data base
  – The 2004 Update of the Survey, now available in a data base on the Members Only Section of the NRRI web page at www.nrri.ohio-state.edu
NRRI’s Past Work on Reliability

- NRRI’s contribution in making a data base of the NARUC Model Distributed Generation Interconnection Agreement & Procedures, together with existing state policies and documents
NRRI’s Next Reliability Project: Alternatives

* Both the NRRI and the Staff Subcommittee have expressed interest in having the NRRI do a project that is a natural follow on to the LBL Study on the Cost of Outages

* The NRRI, at the request of the Subcommittee, plans to do a project on the Value of Loss Load
NRRI’s Next Reliability Project: Alternatives

• Any new project needs to provide useful information to state commissions
  – The information must fill an existing gap in knowledge
  – The information will not only be interesting, but must be useful in the sense that it can be used by commissions in their current or immediate future decision-making
  – Approval / Support of the Research Advisory Committee and Approval by the NRRI Board of Directors
NRRI’s Next Reliability Project: Five (Not Necessarily Mutually Exclusive) Alternatives

• First Alternative: Short Add-on Survey of Residential Customers as part of the Existing Consumer Utility Benchmark Survey

• Second Alternative: A More Comprehensive Residential Survey Using CUBs with Questions Co-Written By the Staff Subcommittee
NRRI’s Next Reliability Project: Five Alternatives

• Do a Survey of Commercial and Industrial Customers sorted by state and SIC with questions co-written by subcommittee
• Write Questions In a Manner That It is Comparable to the Mega-Data Base in the LBL Report to Get Longitudinal Results
• A Concept and Briefing Paper on Value of Loss Load versus Cost
NRRI’s Next Reliability Project: Alternatives

• Staff Subcommittee Input
• See Robert Burns, other NRRI Researchers, and/or Members of the NRRI Research Advisory Committee