



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

Presented to the NARUC Staff Subcommittee on  
Electric Reliability

By

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Sunday, February 13, 2005

National Regulatory Research  
Institute 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](http://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
- A Critique by Partha Chaudhuri of the Draft LBL Report on the Cost of Outages

# 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