



Exacter, Inc. Presents a Conference on:

SMART GRID & OVERHEAD DISTRIBUTION RELIABILITY

February 9-11, 2010 • Embassy Suites Columbus-Airport • Columbus, OH



Explore the latest reliability measures and technologies being used by utilities to prepare distribution networks for the higher standard required for Smart Grid data communications.

Learn how and why electrical line components fail.

Learn how you can improve distribution reliability.



IEEE is authorized by IACET to offer up to 1.5 CEUs for this program.



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OVERVIEW

The focus of this conference is improving Smart Grid deployments and overhead distribution reliability using predictive technologies. The latest reliability measures and technologies being used by utilities to prepare distribution networks for the higher standard required for Smart Grid data communications will be discussed.

Utility case studies showing how predictive technologies identify equipment in weakened, pre-fail conditions will be presented. Professors from The Ohio State University (OSU) who have performed extensive research on why equipment fails will share their insights, and attendees will be taken to the OSU High-Voltage Laboratory for live demonstrations. The conference will also explore business case scenarios for addressing SAIFI/SAIDI reduction.



The Ohio State University
High-Voltage Laboratory

The conference is structured for active participation by attendees, who will have ample opportunity to ask questions and discuss issues of particular interest to them. Copies of most presentations will be provided to all attendees.

WHAT ATTENDEES WILL LEARN

Conference attendees will leave with new ideas and new approaches for addressing the higher-reliability standards Smart Grid demands. Specifically, you will:

- Learn how to recognize and locate failing electrical equipment before it fails
- Learn best practices to reduce SAIFI/SAIDI through Intelligence-based Predictive Maintenance
- Learn how to implement new predictive-maintenance strategies using the latest field methods and technologies
- Develop strategies for successful Smart Grid deployments

WHO SHOULD ATTEND

- Executives with PUC Reporting Responsibility
- Reliability Engineers
- Distribution Engineers
- SAIFI/MAIFI/SAIDI Coordinators
- Smart Grid Deployment Managers



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SCHEDULE

February 9 – 6 PM to 8 PM

- Evening Reception & Registration

February 10 – 7:30 AM to 8 PM

- Continental Breakfast
- John Lauletta, Exacter, Inc. President – *The 800-lb. Gorilla Everyone Wants to Ignore*
- OSU Professors – Research on field forensics of how and why electrical line components fail
- Utility Case Studies
- Keynote Address: Dr. Richard E. Brown – *Cost-Effective Reliability Improvements*
- OSU Professors – OSU High-Voltage Laboratory (transportation provided)
- Evening Banquet & Networking Event (transportation provided)

February 11 – 7:30 AM to 5 PM

- Continental Breakfast
- Bruce Renz – *Modern Grid Strategy: HV BPL Project Summary*
- Utility Case Studies
- Keynote Address: Paul J. Feldman – *The Importance of Distribution Reliability*
- Steve Engle, Exacter, Inc. Inside Sales Manager – *The Value of Enabling Technology*
- Nelson Bingel – *Complete Pole Reliability from the Ground Up*
- Utility Case Studies

Exacter reserves the right to alter this program without prior notice.



Earn CEUs: 1.5 (15 PDH)
Issued by IEEE

The IEEE has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this approval, the IEEE has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally. As a result of their Authorized Provider membership status, IEEE is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

IACET CEU Provider #1255

FEATURED SPEAKERS

Dr. Richard E. Brown — SVP Operations, Quanta Technology

Author of *Electric Power Distribution Reliability*, Dr. Brown has more than 18 years of electric power industry experience. He is an internationally recognized top expert on power system asset management, risk management, reliability, planning, aging infrastructure, storm performance, system hardening, and the application of business management to traditional engineering and planning functions.

Paul J. Feldman — Board Chairman, Midwest ISO

MISO is a fully integrated regional transmission organization that optimizes the interconnected system, provides regional planning solutions, and minimizes any risk to reliability.

Dr. Stephen Sebo — Professor Emeritus, The Ohio State University, Electrical & Computer Engineering

Professor Sebo earned his Ph.D. in Electrical Engineering at Budapest Technical University in 1966. His areas of expertise are: power systems, HV engineering, electrical insulation, energy conversion, electromagnetic compatibility, and reliability.

Dr. Donald Kasten — Associate Professor, The Ohio State University, Electrical & Computer Engineering

Professor Kasten earned his Ph.D. in Electrical Engineering at the University of Missouri in Columbia in 1976. His areas of expertise are: electric power systems, HV engineering, electrical insulation, system protection, and reliability.

Bruce Renz — Modern Grid Team, U.S. Dept. of Energy

Bruce is a consultant on utility engineering issues and Smart Grid.

Nelson Bingel — VP Engineering, Osmose Utilities Services, Inc.

Nelson is a noted speaker on distribution system design and resolving issues associated with system reliability.

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CONFERENCE LOCATION / HOTEL INFORMATION

The conference will be held at the **Embassy Suites Columbus-Airport** hotel, 2886 Airport Drive, Columbus, Ohio 43219. A room block has been reserved with a room rate of \$129 per night plus applicable tax. Call 614-536-0500 for reservations and mention the Exacter Conference to get the group rate, or register online at:

<http://tinyurl.com/EXACTER-INC>

There are a limited number of rooms available at the conference rate, so **make your reservations early.**

PRICING

- IEEE Members who register by 12/9/09 \$795.00
- Non-IEEE Members who register by 12/9/09 \$895.00
- Registrations after 12/9/09 \$995.00
- Retired & Self-Employed Engineers (anytime) \$495.00

AIR TRAVEL INFORMATION

Fly into Port Columbus International Airport (CMH). Free Airport Shuttle to the Hotel. Just call from Baggage Claim; there is no need to rent a car.

REGISTRATION

Smart Grid & Overhead Distribution Reliability Conference

February 9-11, 2010, Columbus, OH

How did you hear about this conference?

**Early Bird Discount
for registrations received
on or before
December 9, 2009**

PLEASE PRINT

Name _____ Date Submitted _____

Title _____

Name Preferred on Badge _____

Company _____

Email Address _____

Office Phone _____ Mobile Phone _____

Mailing Address _____

City _____ State _____ Zip _____ Country _____

IEEE Member # _____ Retired or Self-Employed Engineer Yes No

**You will be emailed an invoice upon receipt of your registration, payable upon receipt.
Credit cards are not accepted.**

Fax this form to: 614/880-9382

Or register online at: www.exacterinc.com/conference.html