



EUCI Presents a Course on:

NERC COMPLIANCE FUNDAMENTALS

August 25 - 26, 2010 • Wyndham Chicago • Chicago, Illinois



EUCI is authorized by IACET to offer 3 CEUs for this program.

OVERVIEW

Bulk electric system entities registered with the North American Electric Reliability Corporation (NERC) continue to wrestle with the complexities of the NERC reliability standards implementation, compliance and enforcement process. Full audit schedules within each Regional Entity ensure that the stakes remain high. Newly enforceable Critical Infrastructure Protection (CIP) standards add another level of complexity, further demonstrating to the power industry the difficulties of legislating reliability and security.

With the increasing number of new generation and transmission projects being proposed and built, it's important to understand the implications of being a NERC registered entity and the complicated and costly process of compliance. This course is a great place to start for organizations that are building new energy infrastructure to make the North American grid more reliable, secure and green. There are a host of important factors to consider that can have a significant impact on operations. One of the most important factors that supports compliance or can help mitigate a penalty is a robust culture of compliance. To demonstrate a culture of compliance, a registered entity must show an enterprise-wide commitment to the process.

This course is an in-depth introduction to NERC standards, compliance and monitoring and is designed to give the necessary background for all staff to understand the concepts and complexities of NERC compliance in order to communicate and build a culture of compliance.

WHO SHOULD ATTEND

- NERC registered entity administrative and support staff
- Generation owners and operators to include IPPs and Renewable Energy Project Developers
- Transmission owners and operators to include Merchant Transmission Projects
- Attorneys and Regulators
- Regional Entity and RTO/ISO staff

LEARNING OUTCOMES

- Define the role of FERC and NERC
- Review the background for the NERC Standards and discuss major recent revisions
- Explain how violations are determined and identify which standards are the most violated
- Define a culture of compliance and it's importance in the compliance monitoring and enforcement process
- Examine the NERC CIP requirements and recognize the assets and departments that are affected
- Analyze the audit process and demonstrate strategies for success before, during and after an audit

IACET



EUCI has been approved as an Authorized Provider by

the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In obtaining this approval, EUCI 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, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

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Requirements for Successful Completion of Program

Participants must sign in/out each day and be in attendance for the entirety of the course to be eligible for continuing education credit.

Instructional Methods

This course will use PowerPoint presentations and classroom exercises.

PROGRAM AGENDA

WEDNESDAY, AUGUST 25, 2010

7:30 – 8:00 a.m. Registration and Continental Breakfast

8:00 – 8:45 a.m. Overview of FERC and NERC as the ERO

8:45 a.m. – 12:00 p.m. NERC Reliability Standards and Requirements

- Overview of entity registration and standard applicability
- Standards background and drafting process
- Trajectory of Standards
 - Rationale for and implications of moving to Results Based Standards
- Explanation of Violation Risk Factor/Violation Severity Levels Matrix
- Most violated standards – What are the hot spots
- Regional reliability standards – What to watch for

12:00 – 1:00 p.m. Group Luncheon

1:00 – 5:00 p.m. NERC Compliance in Practice

Representatives from registered entities will present case studies that highlight their culture of compliance and recent audit experiences to cover the following topics:

Culture of Compliance:

- Define “Culture of Compliance” and recognize strategies to build, communicate and demonstrate a culture of compliance, as mandated by NERC
- The Role of a Culture of Compliance in mitigation
- How to address the challenge of building a compliance program in a small organization with limited personnel and financial resources

Audit:

- What to do before, during and after an onsite compliance audit: Successful strategies and avoiding common pitfalls
- Discuss the settlement process that occurs after a violation has been found
- Examine how internal auditors can support the NERC compliance effort
- Recognize how NERC compliance fits with other enterprise compliance needs and risk management
- Managing documentation and evidence
- Demonstrating a Culture of Compliance to auditors

THURSDAY, AUGUST 26, 2010

7:30 – 8:00 a.m. Continental Breakfast

8:00 a.m. - 1:00 p.m. NERC Critical Infrastructure Protection (CIP)

- NERC CIP Background
- Determining Critical Assets – Recent changes to CIP 002
- How NERC CIP compliance differs from NERC Reliability Compliance
 - Which assets are involved?
 - Which Departments are involved?
- Walkthrough: Key NERC CIP compliance standards
 - Discuss best practices and lessons learned as entities implement programs to become NERC CIP compliant in key security areas

INSTRUCTORS

Lisa Cleary, Energy Operations Manager, Colorado Springs Utilities

Lisa Cleary is currently the Energy Operations Manager at Colorado Springs Utilities in Colorado Springs, Colorado. Prior to that she was the Vice President Energy Delivery Solutions at Progress Energy in Raleigh, NC and the Chief Operating Officer at Colorado Springs Utilities. She has worked in the energy industry for over 20 years and has a B.A. in Civil Engineering from Georgia Tech.

Mike Del Giudice, Crowe Horwath LLP

Mike Del Giudice is a Senior Manager with Crowe Horwath's (Crowe) Risk Consulting Group, specializing in Information Security and Security Strategy, including data privacy, business continuity management, network auditing, penetration testing, and compliance related to governmental regulations. Mike also has an extensive knowledge of policy and procedure development and has implemented effective information security programs for a variety of clients. Mike's experience spans multiple industries including financial institutions, energy, insurance, government, education, and transportation, and has experience delivering security solutions for Fortune 500 organizations.

Blaine R. Dinwiddie, Division Manager, T&D Operations, Omaha Public Power District

Mr. Dinwiddie has 25 years of experience in the electric utility industry. He is a registered Professional Engineer in the State of Nebraska and a member of the Institute of Electrical and Electronic Engineers. He serves on the Midwest Reliability Organization, and on the North American Electric Reliability Council (NERC) Operations Committee.

Currently, Mr. Dinwiddie is the Division Manager – T&D Operations for the Omaha Public Power District. His duties include: Planning, organizing, and directing the construction, operation, and maintenance of the District's transmission and distribution system. Ensuring that the District's T&D facilities are utilized safely, reliably, and efficiently to deliver energy to OPPD's wholesale and retail customers and ensuring that outages are managed effectively and that timely and accurate restoration information is provided to internal and external customers.

Bert Nuehring, Partner, Crowe Horwath, LLP

Mr. Nuehring is a partner with the accounting and consulting firm of Crowe Horwath, LLP based in Oak Brook/Chicago. Mr. Nuehring has been in the public accounting profession for 25 years and has been responsible for planning, administering and supervising audit, accounting and consulting service engagements for governmental and not-for-profit entities. Mr. Nuehring's experience includes projects related to American Recovery and Reinvestment Act monitoring and reporting, performance auditing, internal auditing and accounting outsourcing, rate and cost analysis, cash flow forecasting, compliance analysis, debt restructuring, budgeting, federal program administration, standard implementation, strategic planning, project management oversight, and tax increment financing. He has also been engagement partner for the North American Reliability Corporation (NERC) reliability standards procedural development and procedural review of NERC Reliability Standards Compliance of North America's Regional Entities and for the NERC Compliance Monitoring and Enforcement Program (CMEP).

PROCEEDINGS

The proceedings of the seminar will be published and one copy will be distributed to each registrant at the course.

COURSE LOCATION

A room block has been reserved at the Wyndham Chicago, 633 North St. Clair, Chicago, IL 60611, for the nights of August 24-26, 2010. Room rates are \$199 plus applicable tax. Call 312-573-0300 for reservations and mention the EUCI Conference to get the group rate. Make your reservations prior to August 3, 2010. There are a limited number of rooms available at the conference rate. **Please make your reservations early.**

REGISTRATION INFORMATION

REMEMBER, EVERY 4TH REGISTRANT IS FREE

For instant registration, call (201) 871-0474 or fax the Registration Form to (253) 663-7224.

Register 3, Send 4th Free!!

Any organization wishing to send multiple attendees to this conference may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.

All cancellations received on or before July 23, 2010, 2010 will be subject to a US\$195 processing fee. Written cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event or publication. This credit will be good for six months. In case of course cancellation, Electric Utility Consultants' liability is limited to refund of the course registration fee only. For more information regarding administrative policies such as complaint and refunds, please contact our offices at (201) 871-0474.

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

MAIL DIRECTLY TO:

The Power Marketing Association (PMA)
P.O. Box 2303
Falls Church, VA 22042

FAX TO: (253) 663-7224 **PHONE:** (201) 871-0474

PLEASE REGISTER THE FOLLOWING

- NERC Compliance Fundamentals Course, August 25-26, 2010, US\$1395
Early Bird on or Before August 13, 2010, US\$1195
- Best Practices in Documentation and Evidence for NERC Compliance Conference and NERC Compliance Fundamentals Course
August 26-27, 2010: US \$2195,
Early Bird on or Before August 13, 2010, US \$1995

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How did you hear about this event?
(Direct email, Colleague, Speaker(s), etc.)

Name _____ Job Title _____

Name Preferred for Badge _____ E-Mail _____

Company _____ Telephone _____

Address _____ City _____ State _____ Zip _____

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