



News Release

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Cooper Power Systems Announces 2012 Series of CEU- and PDH-Accredited Engineering Workshops

Experience hands-on Distribution Overcurrent Protection, Capacitor, and Volt/Var Regulation and Optimization three-day technical training sessions.

WAUKESHA, WI, January 25, 2012 – Cooper Power Systems, leader in electrical power delivery and reliability solutions for the utility, commercial, and industrial markets, offers three new Workshops for 2012 with a combination of practical problem-solving skills, a comprehensive reference manual, and instructors – all degreed electrical and power engineers – with extensive field experience.

Cooper Power Systems, a division of Cooper Industries plc (NYSE: CBE), will present, demonstrate, and solve common problems with hands-on participation during each of three new accredited Workshops:

- Distribution Overcurrent Protection
- Capacitors
- Volt/Var Regulation and Optimization

“Cooper Power Systems recognizes the need to keep power system engineers current and developed professionally. We are proud to offer a unique combination of engineering expertise, incorporating three perspectives into each Workshop: power system theory (system engineering), applications (factory), and field experience,” said Mark Thurman, president of Cooper Power Systems. “We are confident attendees will find these newest Workshops to be very beneficial in their everyday applications.”

The three-day [**Distribution Overcurrent Protection Workshop**](#), developed for engineers involved with the design and/or operation of overcurrent protection for utilities or industrial applications, will provide a hands-on learning experience in applying overcurrent protection schemes. Curriculum will focus on overall system coordination rules and daily procedures, including:

- [Fuse](#)-to-fuse expulsion and current-limiting coordination
- [Transformer protection](#)
- Protection with [sectionalizers](#)

- [Recloser](#) and source-side coordination
- Recloser and load-side coordination
- Electronically and hydraulically controlled [recloser coordination](#)

Accreditation: 2.1 CEUs (US and Canada), 21 PDHs

Workshop Dates :

- March 27 - 29, 2012, Houston, TX
- April 11 - 13, 2012, Milwaukee, WI
- September 25 - 27, 2012, Atlanta, GA
- November 6 - 8, 2012, Phoenix, AZ

The Cooper Power Systems three-day [Capacitors Workshop](#) is designed for engineers engaged in the application and specification of medium voltage and high voltage power capacitors for electric power systems, and covers key application topics:

- [Capacitor](#) unit design, testing, and system benefits
- Distribution capacitor application, fusing, switching, and capacitor controls
- Substation [capacitor banks](#) – types, design factors, and protection
- Capacitor overcurrent protection – fusing and relays
- Overvoltage protection – arrester selection and unbalance protection
- Capacitor switching and breaker selection
- Capacitor applications – in series capacitor banks, HVDC and SVC, and maintenance considerations
- Harmonics – capacitor application considerations, harmonic sources, and harmonic filter types and designs

Accreditation: 2.1 CEUs (US only), 21 PDHs

Workshop Date :

- October 2 - 4, 2012, Greenwood, SC (3.5 days with optional factory tour)

The three-day [Volt/Var Regulation and Optimization Workshop](#) will provide participants with an understanding of Volt/var control applications and characteristics in electric distribution systems including grounding, feeders, load, harmonics, and ferro-resonance. Curriculum has been developed for electrical engineers involved with the design and/or operation of T&D or substation applications.

The workshop will focus on overall system coordination rules and daily procedures, including:

- Advanced techniques for [volt/var regulation](#) and optimization in distribution systems.
- Techniques for dependable and economical distribution voltage and power factor control using regulators and capacitors.
- Impact of distributed generation (DG) interconnected to the distribution system on volt/var regulation and optimization.

Accreditation: 1.7 CEUs (US only), 17 PDHs

Workshop Dates :

- March 27 – 29, 2012, Houston, TX
- April 11 - 13, 2012, Milwaukee, WI

Cooper Power Systems holds more than 50 different workshops and technical training sessions annually for the power industry. For additional information and registration, visit www.cooperpower.com.

Editor’s Note: For additional information, contact Mike Petrasek, of Burson-Marsteller, at (412) 394-6611 or michael.petrasek@bm.com.

About Cooper Power Systems

Cooper Power Systems, with 2010 revenues of approximately \$1.2 billion, is a subsidiary of Cooper Industries plc (NYSE: CBE), and a global manufacturer of world-class power delivery and reliability solutions for the utility, commercial, and industrial markets. Cooper Power Systems is a leading provider of innovative Smart Grid technologies that optimize electrical grid performance. These solutions include Advanced Metering Infrastructure (AMI), Demand Response (DR), Smart Sensors, Power Systems Engineering Software and Services, Substation Automation, and Feeder Automation. The company is also a leading provider of software, communications and integration solutions that enable customers to increase productivity, improve system reliability, and reduce costs. For more information, please visit www.cooperpower.com.

About Cooper Industries

Cooper Industries plc (NYSE: CBE) is a global electrical products manufacturer with 2011 revenues of \$5.4 billion. Founded in 1833 Cooper's sustained success is attributable to a constant focus on innovation and evolving business practices, while maintaining the highest ethical standards and meeting customer needs. The Company has seven operating divisions with leading market positions and world-class products and brands, including Bussmann electrical and electronic fuses; Crouse- Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. With this broad range of products, Cooper is uniquely positioned for several long-term growth trends including the global infrastructure build-out, the need to improve the reliability and productivity of the electric grid, the demand for higher energy-efficient products and the need for improved electrical safety. In 2011 fifty-nine percent of total sales were to customers in the industrial and utility end-markets and forty percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 24 countries as of 2011. For more information, visit the website at www.cooperindustries.com.

