

News Release



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Highest TOV-Rated Elbow Surge Arrester in the Industry Protects Renewable Energy Underground Collector Systems

Metal Oxide Varistor Elbow (M.O.V.E.) arresters protect feeder cable, transformer, and wind turbines from Temporary Overvoltage.

WAUKESHA, WI, December 6, 2011 – The new Cooper Power Systems 33 kV and 36 kV [M.O.V.E.™ arresters](#) provide the highest level of Temporary Overvoltage (TOV) protection available in the industry to underground collector systems in wind and solar applications against lightning and other surges. Ungrounded Delta collector systems can experience high levels of TOV, often up to 173% over normal grounded system voltage. The uniquely high TOV characteristics of the M.O.V.E. arrester enable it to survive and continue to protect. This increases the reliability of the entire underground system.

Cooper Power Systems, leader in electrical power delivery and reliability solutions for the utility, commercial, and industrial markets, offers both the 33kV and 36 kV units in standard and DirectConnect configurations, allowing the user to choose the right elbow arrester for each specific application.

The [DirectConnect](#) M.O.V.E. arrester installs directly onto a 600A 35 kV bushing, replacing three components with one. This specific design, results in a 50% shorter stacking height, reduces clutter in the cabinet, and allows more generous fitting of cable accessories into small enclosures. This design saves material costs, and, based on time studies, reduces installation time by 80%.

The expanded M.O.V.E. arrester product line now ranges from 18 kV up to 36 kV.

For durability, each arrester features MOV disks that are rigidly bonded into a single stack which eliminates air pockets, moisture, and pinched rubber between the disks that could compromise the current path and overheat the assembly. The MOV stacks are also buffed smooth for corona-free performance and improved reliability.

Cooper Power Systems, a subsidiary of Cooper Industries plc (**NYSE: CBE**), blends its EPDM rubber and insulation formula in-house to exceed IEEE Std 386™-2006 standard.

For more information on M.O.V.E. arresters from Cooper Power Systems, please 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 2010 revenues of \$5.1 billion. Founded in 1833, Cooper's sustained success is attributable to a constant focus on innovation, 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: Busmann 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 2010 fifty-nine percent of total sales were to customers in the industrial and utility end-markets and thirty-nine percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 23 countries as of 2011. For more information, visit the website at www.cooperindustries.com.

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