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### **IEM to Present Modeling of Arc Propagation: Metal Clad Switchgear Paper at IAS 2011 Conference in Orlando**

Fremont, CA, May, 2011 – IEM's technical paper on "Modeling of Internal Arc in a Compact Metal Clad 15kV Arc Resistant Switchgear: Simulation and Test Results" was recently selected by IEEE for presentation at the IAS 2011 Annual Meeting held in Orlando Florida on October 9-13, 2011.

The paper discusses the ANSI/IEEE standards and design challenges to solve an unfilled market need for a range of applications for compact, front accessible medium voltage arc resistant metal clad switchgear. It explores the analysis and simulation tests of IEM's own Vesta-AR Arc Resistant MV Metal Clad Switchgear and the methods to find an optimal design solution. The majority of the focus is on the modeling of an internal arc inside the switchgear compartments and the use of internal arc simulation as a powerful tool.

The IAS 2011 Annual Meeting provides an international forum for practicing engineers to learn from expert presenters on the developments of electrical technology in the industry today. The conference focuses on a full line of tutorials and technical presentations both in new research and practical solutions as well as an opportunity for peers and professionals to network.

<http://www.ieee.org/ias2011>

#### **About IEM**

Headquartered in Fremont, CA, IEM is the largest independent full-line manufacturer of electrical distribution and power quality equipment in the U.S. For over half a century, IEM has delivered customer-specific solutions to meet the ever changing power requirements of growth industries in North America. At IEM, tradition and technology still drive innovation. An experienced engineering staff and one of the most flexible design and manufacturing systems in the industry set IEM apart from standard product manufacturers.

Tradition. Technology. Innovation.

