

2005 IEEE Industrial & Commercial Power Systems Technical Conference

May 8 – 12, 2005

Prime Hotel & Conference Center
Saratoga Springs, NY

Tutorials

Power Quality Workshop
Sponsored by Power System Engineering Committee
Thursday, May 12, 2005 – 8 am – 1 pm

Medium Voltage Arc Resistance Switchgear
Sponsored by Codes & Standards Committee
Thursday, May 12, 2005 – 8 am – 1 pm

Cancelled

Unfortunately, the instructor for this tutorial has an unavoidable schedule conflict.

The tutorial will begin with a physics and biology based review of electrical hazards and their consequences to people and the environment followed by an explanation and description in simple terms the basis of design, testing, and application of arc resistance switchgear by answering questions such as:

- what is Arc Resistance switchgear?
- how Arc Resistant switchgear testing does differs from the standard medium voltage switchgear?
- salient features of different types of medium Voltage Arc resistant switchgear as defined in IEEE standards and how it can provide enhanced personnel protection from arc flash hazards, and comments key requirements for inclusion in arc resistant switchgear specifications.
- do's and don'ts of arc resistant switchgear and how users can depend on this equipment to perform as intended for safety of personnel.

This session will be organized by Daleep Mohla and will include presentations by Dr. Mary Capelli-Schelpfeffer, Electrical Safety Editor, IAS Magazine, Jim Bowen (Powell Industries) and Gary Wetzell (S&C Electric Company)

The \$75 tuition fee for each tutorial includes break refreshments, lunch, and a certificate for 0.4 CEUs.
To register, indicate your selection on the Conference Registration form.

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