



**POWER & ENERGY SOCIETY
INDUSTRY APPLICATIONS SOCIETY
LIFE MEMBERS AFFINITY GROUP
NEW YORK SECTION**



You are invited to a meeting of the PES & IAS NY Chapter and the NY LMAG on:

HIGH TEMPERATURE INSULATION FOR MOBILE TRANSFORMERS

Tuesday, June 23rd, 2015

THE PRESENTATION:

Today we will focus on high temperature insulation systems and their use in Mobile Transformer solutions. We will specifically look at how hybrid insulation packages, or complete high temperature insulation packages, influence performance and design characteristics. For mobile transformers, size and weight are very critical aspects of the design that determine how easily, or difficult, the mobile is to use. Constraints from local DOT, as well as substation size and access, typically require these units to be as small and compact as possible. By using high temperature insulation, we can allow for higher temperature rises of the windings, and therefore keep the designs small. Topics covered will include discussion of IEEE std C57.154-2012, *IEEE Standard for the Design, Testing, and Application of Liquid-Immersed Distribution, Power, and Regulating Transformers Using High-Temperature Insulation Systems and Operating at Elevated Temperatures*. We will also look at primary differences between high temperature designs and standard thermally upgraded designs, and finally explore the different products available in mobile form.

THE SPEAKER:



Myron B. Bell, PE is an avid participant and supporter of the IEEE/PES Transformer Committee, working with the standards committee and his peers to move the industry forward in quality, reliability, and improvement. He is a licensed PE in the state of Virginia and received his BS in Electrical Engineering from Virginia Polytechnic Institute and State University in 1995. Myron has been with Delta Star, Inc in Lynchburg Virginia since 2009, starting his career there as a controls testing engineer. Since that time, he has held the positions of HV Test Engineer, HV Test Lab Manager, Operations Manager, Customer Solutions and New Product Development Manager, and is now the Director of Technical Sales. His primary objectives now are to support the sales staff in areas of manufacturing capabilities and processes, specification improvement reviews, and participation in events such as this, to help with customer product education. He has a lovely wife, a 10 yr old son, and an 8 yr old daughter. During any spare time, he and his family enjoy hiking, fishing, golfing, and the occasional motorcycle ride.

ALL ARE INVITED – PLEASE POST

RSVP: email preferred
Chair Tech Discussion Group: Sukumar Alampur, PE
Salampur100@hotmail.com
Chair Programs: Arnold Wong
wongar@coned.com or (212) 460-4189

FOR SECURITY REASONS: NO WALK-INS!

When: 5:00 pm — Refreshments & Program

7:00 pm — Program Ends

Where:

Con Edison
Edison Room, 19th Floor
4 Irving Place, New York, NY 10003
Nearest Subway: 14th St/Union Sq.

This program will be awarded IEEE Continuing Education Units.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

