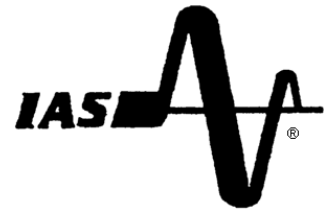




**POWER & Energy SOCIETY
INDUSTRIAL APPLICATIONS SOCIETY
NEW YORK CHAPTER**



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

Ultra – Low Noise Power Transformers for NYC

Tuesday, September 22nd, 2009

THE PRESENTATION

Probably, the strictest noise ordinance in the world is enforced in New York City. Ultra – Low noise power transformers were required by ConEd to satisfy the noise limits of this ordinance. Producing such transformers requires full understanding of the total process of sound generation, transmission, and radiation in power transformers. Mr. Donald Chu will first explain the background of ConEd's performance Specification and noise requirements. Dr. Girgis will then introduce the sources & characteristics of transformer noise and explain the different areas of transformer technology that were developed to successfully produce these ultra – low noise transformers in ABB. He will also share with the attendees of this session the actual performance of these transformers.

THE SPEAKERS: Mr. Donald Chu and Dr. Ramsis Girgis



Donald Chu is presently Section Manager of the Substation Equipment Engineering Section of Con Edison Co. of New York. Donald has over 30 years of engineering and R&D experience in distribution and substation equipment. He is responsible for the development, design, engineering, construction, failure analysis, and maintenance support for all major electrical equipment in transmission and area substations. He is presently the chairman of the IEEE WG on the development of a new Guide for Application of Monitoring of Liquid-Immersed Transformers and Components, C57.143. He is also a member of several WGs and SCs in the IEEE Transformers Standards Committee.



Dr. Ramsis Girgis was the leader of the ABB team that developed the technology for the ConEd Ultra – low noise transformers. He is presently the R&D Manager at the ABB Power Transformer factory in St. Louis, Missouri, USA. He has over 40 years of R&D experience in the areas of transformers and rotating machines. Dr. Girgis has published over 60 scientific papers in IEEE, IEE, CIGRE, and other international journals. Until recently, he was the Chairman of the "Performance Characteristics" SC of the IEEE Transformers Standards Committee. Dr. Girgis is also the past Technical Advisor representing the US National Committee in the IEC Power Transformer Technical Committee (14).

ALL ARE INVITED – PLEASE POST



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RSVP: email preferred
Arnold Wong
wongar@coned.com
or (212) 460-4189

When:

5:00 pm — Refreshments
5:30 pm — Program begins

Where:

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

FOR SECURITY: NO WALK-INS!

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