

New Orleans IEEE Power & Energy Society Presents: Utility Scale Transformer Short Course

Presented by Ronnie Minhaz

Date:

27 March 2017

Time:

7:30am to 4:30pm

Location:

**Entergy Corporate Bldg.
Room 2302
639 Loyola Ave
New Orleans, LA 70113**

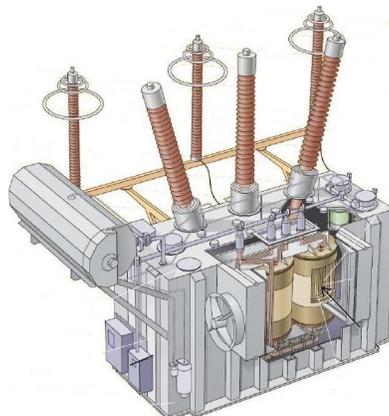
Space is limited

[To reserve your seat,
please RSVP via this link.](#)

For questions, please contact
Peter Wood at
peter.wood.us@ieee.org.

**Utility Scale Transformer Design, Manufacturing,
Testing and Specification**

This is an opportunity to learn from an expert about specifying and maintaining Main Station Interchange Transformers, Distribution Substation Transformers, and Generation Step-Up Transformers.



Cost and Registration

There is a fee for this class which covers the cost of the instructor, refreshments, and lunch. This class is open to all. You do not need to be an IEEE member to attend. Registration requires a credit card or PayPal account to register. The fee is \$150 for IEEE members per person and \$200 per person for non-members. Each person will need to register individually. There is no group registration. This event qualifies for 6 PDH's with IEEE. The registration for PDHs will be provided at the class.

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UTILITY-SCALE TRANSFORMER SHORT COURSE

Schedule:

07:30am – 08:00am	Registration, Coffee, Networking
08:00am – 08:15am	Opening, Instructor Introduction
08:15am – 10:00am	Part 1, Transformer Design and Design Parameters
10:00am – 10:30am	Morning Break
10:30am – 12:00pm	Part 2, Transformer Design and Design Parameters/ Transformer Manufacturing Process
12:00pm – 01:00pm	Lunch - Provided
01:00pm – 02:15pm	Part 3, Transformer Manufacturing Process
02:15pm – 02:45pm	Afternoon Break
02:45pm – 04:30pm	Part 4, Preparation of Transformer Specification

Workshop:

Utility-scale transformers are custom-built for specific transmission and distribution system requirements. There are many different design approaches, materials and manufacturing processes that can be used to produce utility-scale transformers. These differences can result in varying levels of system performance, power transfer efficiency, fault tolerance, equipment life, cost, and the like. This one-day workshop will provide instruction on the many options available for the design and manufacture of utility-scale transformers, including how to write transformers specification to purchase a reliable, economical, and least life cycle cost transformer. It will provide insight into specifying the design and manufacture of transformers that are most appropriate for specific system requirements. A sampling of subject matter to be covered in this workshop is provided at the registration website. Upon completion of the workshop, participants will receive a certificate for six PDHs.

Instructor: Mr. Ronnie Minhaz is the president and founder of Transformer Consulting Services, Inc. He has more than ten years of experience in the specification and design of utility-scale transformers. Prior to forming his own company, he worked as a Transformer Design Engineer at Pauwels Canada (manufacturer), an Equipment Engineer at SNC Lava Lin (ECPM), an Equipment Engineer at Enmax Power (utility), and a Lead Substation Engineer at McGregor Construction (substation construction). Mr. Minhaz holds a BS in Electrical Engineering from the University of Manitoba, Canada, and is a registered professional engineer in the province of Alberta, Canada. He is an active member of IEEE and IEEE Power & Energy Society. He has held various IEEE section-level leadership positions.

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