

IEEE POWER & ENERGY SOCIETY PRESENTS

“Transformer Design and Design Parameters”

The presentation will be on the Basic of Transformer Design. The presentation will explain how a transformer designer interprets parameters such as MVA, lightning Impulse, Switching impulse, Percentage Impedance supplied by a customer. It will touch on Power rating [MVA], Core, Rated voltages, Insulation Coordination, Short-circuit Impedance, Short-circuit Forces, Loss evaluation, Temperature limits, Cooling, Sound Level, etc. It will also explain overload and life expectancy of a transformer as well when Delta winding is needed in Wye-Wye connection. The presentation will answer why in North America we like to regulate from low voltage side whereas in Europe regulates from high voltage side.



About our Speaker- Ronnie holds B.Sc. degree in Electrical Engineering from University of Manitoba, Canada. Before founding his own company “Transformer Consulting Services Inc. (www.tc-servicesinc.com)”, Ronnie worked as Transformer Designer at Pauwels Canada (Manufacturer), as Equipment Engineer at SNC Lava Lin (EPCM) and Enmax Power (Utility), as Substation Lead Engineer at McGregor Construction (Substation Construction). Ronnie is a registered professional engineer in the province of Alberta, Canada and an IEEE member. Ronnie held various leadership positions at IEEE Section level and a regular member of IEEE

PES society.

When: March 04, 2015

11:15am Social and Registration
11:30am Lunch
11:50am Open Meeting & Welcome
12:00pm Speaker Presentation
1:45pm Adjourn

Where: California State University, Los Angeles

Golden Eagle Ballroom
5151 State University Dr.
Los Angeles, CA 90032

Parking is available for free on the day of event for all attendees.

Details: Make your advance reservation by 4pm on February 27; IEEE Members \$10.00, Non-IEEE Members \$15.00, All Students \$5.00. Payment will be taken at the door by check or cash only. No Charge Cards will be taken at the door. Advance credit card payment can be made at the web site shown below. After lunch, attendance for the presentation is free.

Make your reservation and optional pre-payment at the following website:

<https://www.eventbrite.com/e/ieee-metro-la-pes-march-4th-meeting-tickets-15670639304>

Registration questions? Please email Hua Liu at hua.liu@sce.com

Other event questions? Please email Ronnie Minhaz at rminhaz@tc-servicesinc.com