

IEEE Power and Energy Society Boston Chapter 2010 Transformer Course

Time and Date: 6 - 8 PM, Wednesdays (except first session), May 4, 12, 19, 26, June 2, 9

Location: National Grid, Reservoir Woods, Waltham, MA

AGENDA:

Tuesday, May 4 Transformer Theory

Faraday's Law, inductive coupling, inrush characteristics, nameplate ratings, per unit system

Wednesday, May 12 Protection

Fuse protection of distribution type, relay protection, and alarms for substation type

Wednesday, May 19 Construction/Design/Specifications

General specifications and video of transformer manufacturing

Wednesday, May 26 Insulation/Oil Testing

Insulation system, paper/oil, chemical properties, DGA

Wednesday, June 2 Diagnostics/Testing

External testing and overall evaluation

Wednesday, June 9 Application and Operation

Common transformer configurations - auto, 2 & 3 winding, grounding, phase shifters, reactors, mobile, LTC

MAIL CHECK AND REGISTRATION TO:

Babak Enayati, National Grid, 40 Sylvan Rd. Waltham, MA 02451

Registration for Transformer Course

IEEE PES Members \$100 (+ Optional \$15 for CEUs)

Non-PES Members \$150 (+ Optional \$15 for CEUs)

MAKE CHECKS PAYABLE TO:

IEEE Power and Energy Society, Boston Chapter

Name _____

Company _____

Address _____

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