

Editor's Report – Fall 2008 Porto Meeting

Between March 16, 2008 and October 4, 2008, a total of 78 papers in the transformer area were submitted to IEEE Transactions on Power Delivery for possible publication. Many of the papers in this rotation have been revised and resubmitted at least once. For the 61 reviews completed during this period, the recommendations were: Accept without changes: 14, Revise and Resubmit: 28, and Reject: 17. Another 19 papers are under review or are being processed to send out for their initial review. A summary of the accepted papers is at the end of this report.

I would like to thank all of the reviewers who volunteered for this effort and donated their time, and would like to encourage everyone associated with IEEE Transformers Committee activities to consider becoming a Reviewer. The comments and suggestions of the reviewers improve the quality of the papers that are published and we need the help of all of you to ensure that we continue to have quality papers that benefit all of us.

I would like to encourage those Reviewers that already have an account on IEEE Manuscript Central to keep their profile information updated and complete the areas for key words and areas of interest. We need more reviewers and I encourage any of you that have not signed up as reviewers to sign up per the instructions below.

Respectfully Submitted,
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All members and attendees of the IEEE Transformer Committee are invited to review technical papers. Please sign up at: <http://tpwr-d-ieee.manuscriptcentral.com/>

INSTRUCTIONS FOR SIGNING UP TO REVIEW IEEE TRANSACTIONS PAPERS

1. Before you create a new account, please check for an existing account by clicking on: "Check for Existing Account"
2. Assuming that you do not get an existing account notification email, click on "Create New Account" and enter in your information.
3. Please specify any "Specialty / Area of Expertise" according to the 5 numerical codes below:

13a: Power and Instrument Transformers
13b: Insulating fluids category
13c: Dielectric Testing
13d: Audible Noise and Vibration
13e: Transformer Modeling Techniques
4. Please specify any "Key Words" such as: distribution transformers, core losses, oil DGA, or thermal, for example.
5. Submit your information.
6. Click on "Request Reviewer Status" to be enabled as a reviewer.

Accepted Papers

	Number	Title	Key Words	Author	Decision	Date
1	TPWRD-00605-2007.R1	Research on Wavelet Networks in Power Transformers Diagnosis Using Dissolved Gas Analysis	Power transformers, Fault diagnosis, Genetic algorithms	Mr. Chong Pano	Accept	6/2/2008
2	TPWRD-00339-2007.R2	An Integrated Neural-Fuzzy Approach for Fault Diagnosis of Transformers	Self organizing network, neural-fuzzy model, subtractive clustering, cluster centers, transformer fault diagnosis	Dr. Ram Naresh	Accept	3/24/2008
3	TPWRD-00577-2007.R3	Impacts of Transformer Core Hysteresis Formation on Stability Domain of Ferroresonance Modes	Ferroresonance, Transformer, Hysteresis, Core Loss, Bifurcation Diagram, Preisach Theory	Dr. Afshin Rezaei-Zare	Accept	04/03/08
4	TPWRD-00197-2007.R3	A Preliminary Assessment of the Impact of Global Warming on Distribution Transformer Loss of Life	global warming, distribution transformers, distribution engineering, loss of life, climate, IEEE Standard C57.91	Prof. Gerald Heydt	Accept	04/21/08
5	TPWRD-00537-2007.R2	Improving Reliability Assessment of Transformer Thermal Model Parameters Estimated from Measured Data	Top-oil temperature, hot-spot temperature, transformer thermal modeling, parameter estimation, least squares regression, bootstrapping	Mr. Xiaolin Mao	Accept	06/26/08
6	TPWRD-00738-2007.R2	ANFIS Based Compensation Algorithm for Current Transformer Saturation Effects	Current transformers, Saturable cores, ANFIS, Compensation	Prof. Koksal ERENTURK	Accept	07/21/08
7	TPWRD-00091-2008.R1	Dual Three-Winding Transformer Equivalent Circuit Matching Leakage Measurements	Transformer Leakage Inductance, Negative Inductance, Principle of Duality, Equivalent Circuit, Three-Winding Transformers, Electromagnetic Transients, EMTP	Prof. Francisco De Leon	Accept	07/29/08
8	TPWRD-00805-2007.R1	A Hybrid Winding Model of Disc-Type Power Transformers for Frequency Response Analysis	Transformer windings, frequency response analysis, transfer functions, multiconductor transmission lines	Prof. Henry Wu	Accept	08/15/08
9	TPWRD-00071-2008.R1	A Study on the Impact of Low-Amplitude Oscillatory Switching Transients on Grid Connected EHV Transformer Windings in a Longitudinal Power Supply System	Transformer, EMTP, ATP, LPS, Switching-transients, Resonance, Over voltage	Mr. Dilip Debnath	Accept	08/05/08
10	PESL-00023-2008	On the mechanical short time rating of a current transformer	Current transformer, short time rating, finite element method	Dr. Jayashankar Venkataraman	Accept	08/20/08
11	TPWRD-00025-2008.R3	CORROSIVE SULFUR INDUCED FAILURES IN OIL-FILLED ELECTRICAL POWER TRANSFORMERS AND SHUNT REACTORS	Oil insulation, corrosive sulfur, transformer, shunt reactor, failures, standardization	Prof. Massimo Pompili	Accept	07/30/08

12	TPWRD-00793-2007.R1	Analysis of Air-Core Reactors from DC to Very High Frequencies using PEEC Models	Air-core reactor, impedance measurements, modeling, partial element equivalent circuit (PEEC), partial inductance, coefficient of potential, electromagnetic coupling, time domain analysis, frequency domain analysis	Mr. Mathias Enohnyaket	Accept	10/02/08
13	TPWRD-00770-2007.R2	A Multi-Purpose Balanced Transformer for Railway Traction Applications	Balanced transformers, Harmonic filters, Reactive power compensation, Traction drives, Railway substations	Prof. Zhiwen Zhang	Accept	09/29/08
14	TPWRD-00752-2007.R2	Evaluation of Thermal Transient and Overload Capability of High-voltage Bushings with ATP	ATP, bushing, modeling, overload, steady state, thermal transient	Dr. Shibao Zhang	Accept	09/08/08