4.0 Editor's Report – M. Christini

Since January of this year, a total of 51 Transactions on Power Delivery papers have been submitted for review to the IEEE Transformers Committee. At this time, 27 reviews have been completed and 24 reviews are in-progress. For the completed reviews, the recommendations were: Accept without changes (2), Accept with mandatory changes (18) and Reject (7). The backlog of papers at IEEE from 1999 and 2000 has been completely caught up.

The transition to Online Review of papers has been completed. This will greatly speed up the review process for all future papers. Also, previous reviewers have been setup with an online account at: http://tpwrd-ieee.manuscriptcentral.com/. A tutorial describing the online review system is being planned for the Vancouver meeting in April.
Mark Christini
10/1/ 2001

Accept without changes

2000TR464	On-Line Detection and Location of Low-Level Arcing in Dry-Type Transformers	Sidhu
2000TR573	Determining Ideal Impulse Generator Settings from a Generator-Transformer Circuit Model	Del Vecchio

Accept with mandatory changes

TR12 004 1999	Instability of the Machine-Transposed Cable under Axial Short Circuit Forces in Large Power Transformers	Patel
TR12 015 1999	Transformer Phase Coordinate Models Extended for Grounding System Analysis	Svenda
TR12 029 1999	A Power Electronic Based Distribution Transformer	Ronan
TR12 040 1999	Impedances for the Calculation of Electromagnetic Transients within Transformers	Mombello
2000TR093	Accurate Modeling of Core-type Distribution Transformers for Electromagnetic Transient Studies	Noda
2000TR166	Recognition of Impulse Fault Patterns in Transformers Using Kohonen's Self-Organizing Feature Map	De
2000TR222	Harmonic Study of Le Blanc Transformer for Taiwan Railway Electrification System	Huang

2000TR290	Modified Disruptive Effect Method as a Measure of Insulation Strength for Non-Standard Light	Savadamuthu
2000TR312	Unit Commitment of Main Transformers for Electrified Mass Rapid Transit Systems	Chen
2000TR428	How to Avoid Unstable Time Domain Responses Caused by Transformer Models	Henriksen
2000TR434	Using Kohonen Self Organizing Map (KSOM) to Monitor the Transformer Condition by Oil Test	Lim
2000TR467	A Novel Autotransformer Design Improving Power System Operation	Andrei
2000TR527	Dynamic Modelling of Transformer Core from Experimental Hysteresis Data	Akcay
2000TR537	Thermal Overload Tests on a 400 MVA Power Transformer with a Special 2.5 pu Short Time Loading Capacity	Nordman
2000TR595	Distribution Transformer Load Modeling Using Load Research Data	Chang
2000TR610	Transformer Diagnosis and Monitoring	Bolhuis
2001TR012	Calculation of Core Hot-Spot Temperature in Power and Distribution Transformers	ABB – teNyenhuis
2001TR077	Geomagnetically Induced Current Effects On Transformers	The National Grid Company – Price

Reject

TR12 053 1999	Experimental Investigation into the Propagation Characteristics of Partial Discharge Pulses in Power Transformers	Wang
2000TR217	A Simple Method for Calculating Winding Temperature Gradient in Power Transformers	Ryder
2000TR261	Applicability of the Traditional Unbalance Estimating Formula on the Utility System from Differently Connected Transformers	Chen
2000TR282	High Frequency Theory of Power Transformers	Luff
2000TR491	The Comparison of Unbalance Reduction Due to Differently Connected Transformers Used in Railway	Chen
2000TR697	Calculation of Transient Voltage Distribution in Transformers Using Bergeron's Method	Xuechang
2000TR807	Transfer Function Method to Diagnose Axial Displacement and Radial Deformation of Transformer Windings	Rahimpour

In Progress

2000TR609	Measurement of Lambda-I Characteristics of Asymmetric Three-Phase Transformers and Their Applications	Fuchs
2001TR012RA1	Calculation of Core Hot-Spot Temperature in Power and Distribution Transformers	ABB – teNyenhuis
2001TR027	Sensitivity of Transformer's Hottest-Spot and Equivalent Aging To Selected Parameters	Kansas State University – Anil
2001TR033	Leakage Inductance of A Distribution Transformer With Two Symmetrical Windings	Public Power Corporation of Greece – Raissios
2001TR066	Structure of Transfer Function of Transformers With Special Reference To Interleaved Windings	Indian Institute of Science - Satish
2001TR178	Estimating Overpressures in Pole-Type Distribution	Hydro-Quebec –

	Transformers Part I: Tank Withstand Evaluation	Hamel
2001TR182	Estimating Overpressures in Pole-Type Distribution Transformers Part II: Prediction	Hydro-Quebec/ IREQ – Dastous
2001TR198	No-Load Losses in Transformers Revisited: Tests and A New Model	Hydro-Quebec/ IREQ Andre
2001TR217	Three-Phase To Four-Phase Transformer For Four-Phase Power Transmission Systems	Hunan University - Liu Guangye
2001TR244	Condition Assessment of Power Transformer On-Load Tap-Changers Using Wavelet Analysis	Queensland University - Birtwhistle
2001TR253	Design of A High Power Brushless Linear Variable Transformer	University of Tehran – Faiz
2001TR267	Modeling Transformers With Internal Incipient Faults	Texas A&M University – Butler
2001TR274	A Harmonic Model For the Non-linearities of Single-Phase Transformer With Describing Functions	Feng Chia University - Huang
2001TR282	Experience With Return Voltage Measurements For Assessing Insulation Conditions	University of Queensland – Saha
2001TR382	A Reliable and Transparent Expert System For Impulse Fault Diagnosis in Transformers	Jadavpur Univ. India – Chakravorti
2001TR394	Reducing Losses in Distribution Transformers	Virginia Tech. – Olivares
2001TR411	Thermal Aging Prediction of Transformer Oil and PVC of High Voltage Cables Using Neural Networks	West Virginia Univ. – Feliachi
2001TR419	A Newly Modified Forced Oil Cooling System and Its Impact On In-Service Transformer Oil Characteristics	Minia University, Egypt – Wahab
2001TR430	Thermal Behavior of A Toroidal Transformer Through A Mixed Model	Sharif University of Tech, Iran – Oraee
2001TR443	Measurement and Modeling of Hysteresis Loops of Steel Running Rails Used in Railway Power Systems	National Yun-Lin Univ. of Science & Tech, Taiwan – Wang
2001TR452	Study of Abnormal Electrical Phenomena Effects On GSU Transformers (Part 1 of 2: Effects of Switching Transients)	Virginia Tech. – Yilu Liu
2001TR453	Study of Abnormal Electrical Phenomena Effects On GSU Transformers (Part 2 of 2: Effects of SFC Operation & Lightning)	Virginia Tech. – Yilu Liu
2001TR454	New Solid-State On-Load Tap-Changers Topology For Transformers	University of Tehran – Faiz
2001TR466	Real-Time Dynamic Loading and thermal Diagnostic of Power Transformers	Doble Engineering – Lachman