

Sr. No.	Title of Paper	Name of Author/s	Organisation
1.	Mechanical Stress and Deformation Analysis of Transformer Winding Using Finite Element Method	Amit Bakshi R.V. Thakar S .V. Kulkarni Shekhar Vora	IIT, Mumbai Crompton, Mumbai
2.	Evaluation of Stray Flux and Eddy Current Distribution in Power Transformers	Hamberger Peter Ms. Marion Lackner Bin Zheng	Siemens, Germany
3.	Innovative Cad-Based Design Tool For Power Transformer Design Optimization	Kishore Yadala V.K. Lakhiani	Vijai Electricals, Hyderabad
4.	Prediction Of Stray Losses In Furnace Transformer Using 3d Finite Element Analysis	S. Saravanan A. Venkatasami N.K. Deshmukh	Crompton, Mumbai
5.	800kv Ultra HVDC Transformer	Mario Schenk Ronny Fritsche	Siemens, Germany
6.	New and Innovative Technologies of Power Transformers	Harald Fink Frank Hofmann	Areva, Germany
7.	Winding Topology - Performance Improvement of Converter Transformer	Subhash Kumar Joshi Pramod Agarwal Hari Om Gupta	IIT, Roorkee
8.	Transformer Internal Connections: A critical area for enhancing reliability	Manan Pandya	Siemens, Mumbai

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1.	Development of India's First 1200 KV transformer for Testing of Large rating 800 KV Shunt Reactors	R.K. Singh S.K. Gupta J.S. Kuntia R.K. Tiwari	BHEL, Bhopal
2.	Universal Spare Gsu Transformer for Ontario Power Generation Inc. Of Canada	Krishnamurthy Vijayan Waldemar Ziomek Jeffrey Tennant	Pawels, Canada Ontario Power General Inc.
3.	Transformer without Tapping: A Case Study of 250 MVA, 420/v3 kV, Single Phase Generator Transformer	Vivek Siddharth D. Krishna Iyer	Areva
4.	Mitigation of Audible Sound in Transformers	H.V. Paghadar C.C. Adalja M.L. Jain R.H. Patel	Emco Ltd., Thane
5.	Role of standardization for enhanced Availability	Govind Srivastava	Siemens, Thane
6.	Low Losses in Transformers - at what cost	Abhishek Singhal B.A. Subramanyam	Kanochar Electricals Meerut
7.	Special Purpose Transformer for Industrial Application	Subodh Prakash Nitin Shukla M.L. Jain	Emco Ltd., Thane
8.	Improving Transformer Specification Based On Operational Experience	R.G. Yadav R.S. Sarkar V.K. Bhaskar Gunjan Agrawal	PGCIL, Gurgaon

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1.	Synthetic Ester Transformer Fluids As Oxygen Stable, Safe And Reliable Alternatives To Mineral Oil	Sabine Bowers Russell Martin Mark Lashbrook	M&I Materials Ltd., U.K.
2.	Transformer Oil Specifications for Indian Transformer Industry	P. Ramachandran	ABB Ltd., Vadodara
3.	Effects Of Variability Of Mineral Oil Electrical Conductivity On Reliability of HVDC Converter Transformers	Ugo Piovan Guido Schenk	Weidmann Electrical Technology, Switzerland
4.	Nippon Steel's High-Performance Grain-Oriented Electrical Steel Improving Properties of Transformer Core	Masato Mizokami Kenichi Nishiwaki Satoshi Arai Yousuke Kurosaki	Nippon Steel Corporation, Japan
5.	Standard Fittings & Accessories for a Reliable Transformer	G. Sreelatha V.K. Lakhiani	Vijai Electricals Ltd., Hyderabad
6.	Benefit of The Use of High And Super Grade Mineral Insulating Oil	B. Pahlavanpour K. Sundkvist	Nynas A.B. U.K.
7.	Standardization of Transformer Bushings	Keyur G. Shah D. Ramachandran	Yash Highvoltage Insulators P. Ltd.
8.	Transformer Materials and Their Influence on Diagnostics	Ivanka Atanasova Hoehlein	Siemens, Germany

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1.	Lean Manufacturing In Power Transformer Industry	Kapil Razdan	Areva T&D India, Allahabad
2.	Short Circuit Testing of Large EHV Transformers Experience and Learnings	P. Ramachandran Tarun K. Garg Vishal Dubey	ABB Ltd., Vadodara
3.	Moisture Model and Assessment in Transformers	Mario Scala	Siemens, Austria
4.	Harmonisation of Bushings	Rakesh Chakraborty D. Krishna Iyer	Areva T&D Allahabad
5.	Thirteen Years Test Experience with Short-Circuit Withstand Capability of Large Power Transformers	R.P.P. Smeets L.H. te Paske	KEMA The Netherlands
6.	Fault Detection In A Generator Transformer Using Coherence Function	Shaik Riyaz Babu B.V. Sanker Ram T. Sudarshanam B.P. Singh	Tirumala Engg., Hyd JNTUCE, Hyd JCET, Hyd Saint Martin's Engg, Secn
7.	Location Of Inter Turn Faluts In Hvdc Converter Transformer Using Wavelet Transforms	Pannala Krishna Murthy J. Amarnath B.P. Singh S. Kamakshaiah	SBIT, Hyd JNTUCE, Hyd Saint Martin's Engg CVR Engg. College
8.	Model Based Short Circuit Testing For Standardisation Of Transformer Winding Structures	S. Gopalakrishna V. Jayashankar	IIT, Chennai

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1.	Enhancement of Transformer Life Through Low Frequency Heating Process – A Case Study	M. Kiran Kumar M. Govindaraj K. Baburao Bhaskar Malpure A. Venkatasami	Crompton Mumbai
2.	Maintenance of Insulation Dryness In Transformers During Transportation and Installation	P. Ramachandran Tarun Garg	ABB Ltd., Vadodara
3.	Transformer Logistics Monitoring Key to Customer Satisfaction	Prafull Rathi Mayank Chauhan	Masplantiz Technologies P. Gurgaon
4.	A Transient Dynamic Approach to analyse Transport Vibration Of Power Transformer	Parmatma Dubey Rajni Kumari Gupta D. Srinivas Manish Vanage	Crompton Mumbai
5.	Nitrogen Based Transformer Explosion and Fire Prevention System – A Comprehensive Asset Management Solution	V.K. Wakchaure T.P. Govindan	CTR Mfg. Co., Pune
6.	Powergrid Experience In Transformer Life Mangement And Condition Assessment	V. K Bhaskar Adish Gupta Gunjan Agrawal Abhishek Singh	PGCIL, Gurgaon

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1.	Deformation Coefficient Based Diagnostics of Multiple-Section Deformations in Transformer Windings	P.M. Joshi S V Kulkarni	IIT, Mumbai
2.	Transformer Modeling For Sweep Frequency Response Analysis Diagnostics	Anbarasan.R Ramraj. A S. Usa Kiran Kumar. M Shubangi Patil Venaktaswami A	Anna University Chennai Crompton Greaves, Mumbai
3.	Condition Monitoring as a Basis for Effective Asset Management	Maik Koch	Omicron Energy
4.	Techniques for Detection and Location on-line Partial Discharge (PD) Diagnosis in Power Transformers	S.M. Markalous G. Matthew Kennedy	Doble-Lemke, Germany Doble Engg, U.S
5.	Determination Of Moisture In Transformer Insulation From On-Line Monitoring of Moisture In Oil.	Brian Sparling Jacques Aubin Sergio Costa	GE Energy, Canada
6.	Effectiveness of DP in Determining Remnant Life of Transformer	K. Baburao Mithun M.S. Bhaskar Malpure Sushil E. Chaudhari	Crompton Greaves, Mumbai
7.	Worldwide Standardization Activities for Frequency Response Analysis and Dielectric Response Diagnos	Maik Koch Alexander Kraetge Juan Velasquez	Omicron Energy Austira

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8.	Online Monitoring of Transformer: A Case Study	Ragini Agarwal S.V. Kulkarni B.K. Sahoo V.R. Sardeshpande Raghvendra Deshpande	IIT, Mumbai Eco Axis Systems, Pune
9.	Multiple Tools of Condition Monitoring Adopted In GETCO	U.C. Patel Alka Shah	GETCO, Vadodara
10.	Interpreting Sfra Data for Detecting Winding Displacement and Deformation In Transformers	Prameela M, Pradeep Nirgude B. Gunasekaran	Vignans Inst., Hyd CPRI, Hyderabad
11.	Diagnostics and Condition Monitoring of Power Transformer	Sanjay Kulkarni Vivekanand Sindkar	ISOSCELES
12.	The Performance Diagnosis of On load Tapchangers	S.A. Rajan T.P. Govindan	CTR Mfg. Co., Pune