

**Areas covered under POWERCON2008 & 2008 IEEE Power India Conference:**

01. Power System Analysis, Computing and Economics
02. Power System Models and Dynamic Performance
03. FACTS and HVDC
04. Challenges in Restructured Energy Systems
05. Power System Control and Operation
06. Power System Communication and SCADA
07. Power System Relaying and Protection
08. Energy Management System and Distribution Automation
09. Applications of Power Electronics and Power Quality
10. Distributed Generation and Renewable Energy Sources
11. Electrical Machines and Drives
12. Utilization of Electrical Energy

**List of papers expected to be presented**

<b><u>Paper # - Title of Paper</u></b>	<b><u>Authors with Affiliation</u></b>	<b><u>Area/Presentation Serial #</u></b>
0001-Monte Carlo Planning Technique for Renewable Energy Sources	C S Indulkar, (formerly Professor at IIT Delhi), B3 Gokul Society Vasna Road, Baroda - 390015	10/01
0003-Load Flow Analysis with Voltage-Sensitive Loads	C S Indulkar, (formerly Professor at IIT Delhi), B3 Gokul Society Vasna Road, Baroda - 390015, and K Ramalingam, Airport Authority of India, Chennai	01/01
0004-Determination of Steady State Voltage Stability limit using PQ curves	K Ramalingam, Airport Authority of India, Chennai, and C S Indulkar (formerly Professor at IIT Delhi), B3 Gokul Society Vasna Road, Baroda - 390015	01/02
0010-Intelligent Metering System in Integrated Power Generation & Distribution system of a Steel Complex	Arvind Kumar, and S Srivarsha, Essar SEZ Hazira Ltd, Surat, Gujarat	06/01

0015-An Adaptive Particle Swarm Optimization Based Method for Normal and Low Voltage Multiple Load Flow Solutions	P Acharjee, EE Dept., National Institute of Technology Durgapur, PIN. 713209, and S K Goswami, EE Dept., Jadavpur University, Kolkata - 700032	01/03
0019-Digital Voltage-mode Control Of Higher Order Boost Converter	M Veerachary, and Malyala Suresh, EE Dept., Indian Institute of Technology Delhi, New Delhi - 110016	09/01
0020-Digital PID Compensator Design for the Coupled Inductor Boost Converter	M Veerachary, and Meduri Pramoda, EE Dept., Indian Institute of Technology Delhi, New Delhi - 110016	09/02
0023-A Framework For Special Protection System Modeling For Dynamic Security Assessment of Power Systems	Lei Wang, Fred Howell, and Kip Morison, Powertech Labs, Inc., Surrey, BC, Canada	07/01
0026-Position Identification of Switched Capacitor Using Wavelet- and Kohonen- based Network	Ying-Yi Hong, EE Dept., Bo-Yuan Chen, Lun Hui Lee, and Ching-Shen Chiu, Chung Yuan Christian University, Chung Li, 320 Taiwan	05/01
0027-Studies in Design of High Torque Three-Phase Squirrel-Cage AC Traction Motor with Aluminium Alloy Rotor Bars and Parameter Optimization using Artificial Neural Networks	R. N. Paul, Daulat Ram Engineering Services (P) Ltd., Mandideep-464993 (M.P.), L.D.Arya, SGSITS, Indore-452003 (M.P.), and H. K. Verma, Dept. of Elect. Engg., SGSITS, Indore-452003 (M.P.)	11/20
0031-Pros and Cons of Existing Frequency Regulation Mechanism in Indian Power Industry	S K Parida, S N Singh, S C Srivastava, Indian Institute of Technology Kanpur (UP), P Chanda, and A K Shukla, Power Management Institute, NTPC Ltd, Noida (UP)	05/02
0034-Fuzzy Logic Based Optimal Capacitor Placement on Radial Distribution Feeders	S M Kannan, A Rathina Grace Monica, EE Dept., K L N College of Engineering, Anna University, Madurai – 630611, and S Mary Raja Slochanol, EE Dept., Thiagarajar College of Engineering, Madurai – 625615	08/01

0035-Significant Error Propagation in the Finite Difference Solution of Linear and Non-Linear Two dimensional Magnetostatic problems utilizing boundary condition of the third kind	E Afjei, H Moradi, and A Kokabi, Shahid Beheshti University and Saadat Research Center, Iran	11/01
0036-Capacitor Excited Asynchronous Generator for an Isolated Wind Energy Conversion System	Bhim Singh, Gaurav Kansal, EE Dept., Indian Institute of Technology Delhi, PIN. 110016, Ambrish Chandra, and Kamal El-Haddad, EE Dept., Ecole De Technologie Superieure, Universite du Quebec, Montreal, Quebec H3C1K3, Canada	10/02
0039-Transient Voltages in Ladder-Network Representations of Transformer Winding and Transmission Line	C S Indulkar, (formerly Professor at IIT Delhi), B3 Gokul Society Vasna Road, Baroda - 390015, and K Ramalingam, Airport Authority of India, Chennai	11/02
0049-Innovation in the Design of RTU and Migration to IED	V K Chandna, EE Dept., Jamia Millia Islamia, New Delhi – 110025, Parmod Kumar, EE Dept., Delhi College of Engineering, Bawana, Delhi – 110042, and Mini S Thomas, EE Dept., Jamia Millia Islamia, New Delhi – 110025	06/02
0052-A New modified bifilar Drive Circuit for Switched Reluctance Motor	E Afjei, M Asgar, and S Ataei, EE Dept., Shahid Behesti University, Iran	11/03
0054-Development of a PLC Based Elevator System with Colour Sensing Capabilities for Material Handling in Industrial Plant	Darshil, Sagar, Rajiv and Satyajit, Maharashtra Academy of Engineering, Alandi, Pune, V.K. Sharma, Bhagwant Institute of Technology, Muzaffarnagar.	12/01
0056-Application of Electronic Transformers in Digital Substation	Hongxing Wang ,Guoqing Zhang, Zhizhong Guo, Jiaying Wang, and Xingguo Caiis , School of Electrical Engineering and Automation, Harhin Institute of Technology, Haerbin, China	08/02
0058-Challenges with Multi-Terminal UHVDC	V. F. Lescale, A. Kumar, L E. Juhlin, H.	03/01

Transmissions	Björklund, and K. Nyberg , HVDC department of ABB AB, SE-771 80 Ludvika, Sweden.	
0059-Security Constrained Economic Dispatch with Secure Bilateral Transactions in Hybrid Electricity Markets	Ashwani Kumar, and Saurabh Chanana, NIT Kurukshetra, Haryana, India	04/01
0062-Study on the influence of 1000kV AC lines on the parallel UHVDC transmission lines and its mitigation	LI Xin-nian, JIANG Wei-ping, LI Tao, ZENG Zhao-hua, and WU Ya-ni, Power System Department of CEPRI, QingHe, Beijing, China, 100192	03/17
0063-Tuned Fuzzy Controller Based Over Current Protection Scheme	V.K.Chandna, Jamia Millia Islamia, New Delhi, P. Kumar, Delhi Collge of Engg, Delhi; Mini S. Thomas, and Rajveer Singh, Jamia Millia Islamia, New Delhi	07/02
0067-Study of Impacts of Two Types' Distributed Generation on Distribution Network Voltage Sags	Xuehao HU and Yan ZHAO, China Electric Power Research Institute, Haidian District, Beijing 100192, China	10/03
0068-Multi-Area Available Transfer Capability Determination in the Restructured Electricity Market	B. V. Manikandan, EEE Department of Mepco Schlenk Engineering College, Sivakasi, S. Charles Raja, and P. Venkatesh, EEE Department of Thiagarajar College of Engineering, Madurai.	04/02
0071-Series Capacitor Made Less - or not at all Sensitive to Increasing Short Circuit Levels	Fred Landfors, Gunnar Ingeström, Göran Strömberg, ABB Sweden, and Somnath Chakraborty, ABB India	02/01
0074-Lightning Thunderstorms Day Maps for Saudi Arabia	M. H. Shwehdi, Dept of Electrical Engineering, KFUPM University, Dhahran, 31261, Saudi Arabia	05/03
0075-Initial experiences with a new FPGA based travelling wave fault recorder installed on a MV distribution network	David Coggins, David Thomas, Barrie Hayes-Gill, Yiqun Zhu, Department of Electrical and Electronic Engineering, The University of	07/03

	Nottingham, Nottingham, UK; Elisete T. Pereira, Departamento de Engenharia Eltrica, Fundao Universidade Regional de Blumenau, Brazil;; and S´ergio H. L. Cabral	
0076-Retrofit with Hybrid Insulation System of a Failed Power Transformer	Thomas LIM, DuPont Company (Singapore) Pte Ltd, 1 Harbour Front Place, Harbour Front Tower One #11-01, Singapore 098 633	11/22
0077-Monitoring and Measuring Market Power in the New Zealand Electricity Market	Douglas G Goodwin, and Bhujanga Chakrabarti, Transpower NZ Ltd, Wellington, New Zealand	04/03
0082-Improved Fuzzy Based Capacitor Placement Method for Radial Distribution System	S.K.Bhattacharya, Netaji Subhash Engineering College, Technocity, Garia, Kolkata-700152, India, and S.K.Goswami, Jadavpur University, Kolkata-700032, India	08/03
0084-Circuit Breaker Transient Recovery Voltage in Presence of Source Side Shunt Capacitor Bank	Murali Kandakatla, B Kondala Rao, and Gopal Gajjar,ABB Ltd, Vadodara, India	07/04
0085-Dynamic Economic Dispatch Solution using an Enhanced Real-Quantum Evolutionary Algorithm	G. S. Sailesh Babu, D.Bhagwan Das, and C. Patvardhan, Department of Electrical Engineering, Faculty of Engineering, Dayalbagh Educational Institute, Dayalbagh, Agra – 5	07/21
0086-An Analytical Approach for Control Design of UPFC	R. K. Pandey, Senior Member IEEE, Dept. of Electrical Engineering, Institute of Technology, Banaras Hindu University, Varanasi, India	03/18
0090-Study on Simulation Mathematical Model of Supercritical Boiler-turbine-generator Unit	Han Zhong-xu, CEPRI, District Haidian, Beijing 100192, China, FENG Jian, WAN Hui, Zhou Chuan-xin, and Kao Zhi-qiang, Guodian Zhishen Control Technology Co. Ltd., District Haidian, Beijing	02/02
0091-FACTS Controllers to Improve Voltage Profile and Enhancement of Line Loadability in	Shankaralingappa C. B., S. B. M. Jain Engineering college, Bangalore, Karnataka,	03/02

EHV Long Transmission Lines	India, Suresh H Jangamashetti, Basaveshwar Engineering College, Bagalkot, Karnataka, India	
0092-Optimization Design on Boiler-turbine Coordinated Control System with Automatic Generation Control	Han Zhong-xu, and Huang Huan-pao, and Zhang Zhi, and Sun Ying, Department of Power Station Automation, China Electric Power Research Institute, Haidian District, Beijing 100085, China and Beijing GuoDian Zhishen Control Technology Ltd., Haidian District, Beijing 100085, China	05/04
0095-New Method for Discrimination of Transformers Internal Faults from Magnetizing Inrush Currents Using Wavelet Transform	A. Rahmati, and M. Sanaye-Pasand, School of Electrical and Computer Engineering, University of Tehran, Iran	07/05
0096-Distributed OPF of Larges Scale Interaction Power Systems	Shaowei Huang, Ying Chen and Chen Shen, Tsinghua University, 100084, Beijing,China	01/04
0097-Torque Ripple Minimization in Direct Torque Control based IM Drive Part-I - Single-rate Control Strategy	Saurabh N. Pandya, and J. K. Chatterjee,IIT Delhi, New Delhi	11/04
0098-Torque Ripple Minimization in Direct Torque Control based IM Drive Part-II - Multirate Control Strategy	Saurabh N. Pandya, and J. K. Chatterjee,IIT Delhi, New Delhi	11/05
0099-A 44 Pulse AC DC Converter Based on Hybrid of Multi phase and Phase Shifting Techniques	Bhim Singh, IIT Delhi, Nerw Delhi; Sanjay Gairola, Electrical & Electronics Engg, G.C.E.T. Greater Noida (UP)-201307, India	03/03
0100-Cost based Reactive Power Pricing Structure in Restructured Environment	G. A. Vaidya ,PVG's College of Engineering & Technology, Pune, India, N. Gopalakrishnan, College of Engineering, Pune, India, and Y. P. Nerkar is with PVG's College of Engineering & Technology, Pune, India	04/04
0101-Applications of Transforms in Impulse High Voltage Measurements	Chuong Ho V. N., Khoi Pham D.A., Department of Power Systems HCM City University of	05/05

	Technology, Vietnam	
0102-0103-Formulas for Calculating Physical Grounding Resistance of Grounding Wire – Electric Pole System of High Voltage Transmission Lines	Chuong Ho V. N., Department of Power Systems HCM City University of Technology, Vietnam	01/05
0109-Distributed Rayleigh Quotient Iterative Method for Eigen-analysis of Power Systems	Jing Li, Chen Shen, and Ying Chen, Tsinghua University, Haidian District, Beijing 100084, China.	02/03
0120-Optimal Generation Scheduling under ABT	Surekha R Deshmukh ,Pune Vidyarthi Griha's College of Engineering and Technology, Pune, D J Doke, Cummins College of Engineering for Women, Pune, and Y P Nerkar, Pune Vidyarthi Griha's College of Engineering and Technology, Pune	04/05
0123-A New Approach to Real Time Line Outage Contingency Analysis for Voltage Secure Operation of Power Systems	R. Balasubramanian, Indian Institute of Technology IIT Delhi 110016, and Bhavik Suthar is Govt. Engg. College Modasa Gujarat 383315	01/06
0124-Wind Turbines Grounding System, Boundary Element Approach	H. Kazemi Karegar, Shahid Beheshti University, G. C., Evin 1983963113, Tehran, Iran, and A. Mousavi, School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran	10/04
0125-The Nonuniform Discrete Short Time Fourier Transform - A New Tool for Electrical Power Components' Monitoring	Arghya Sarkar, MCKV Institute of Engineering, 243 G. T. Road (N), Liluah, Howrah-711204, S. Sengupta , University of Calcutta, 92, A. P. C. Road, Kolkata – 700009.	07/06
0128-Design and Development of Power Grid Restoration Scheme for Maharashtra State with Generating Plant Islanding	Jayesh Joglekar, Maharashtra Institute of Technology, Pune, Yogesh P. Nerkar, PVG's College of Engineering and Technology, Pune, India	05/06
0129-Load Forecasting using Fuzzy Methods	S. Sachdeva, Haryana Engineering College,	05/07

	Jagadhri, District Yamuna Nagar, Haryana, C. M. Verma, Haryana Power Generation Corporation Ltd., Yamuna Nagar, Haryana, India	
0130-Robust Control of Permanent Magnet Synchronous Motor - Nevanlinna-Pick Approach	B.Aruna Rajan, R. Devanathan Hindustan Institute of Technology and Science, Chennai, India	11/06
0133-Optimisation of Imbalance Cost for Wind Power Marketability using Hydrogen Storage	Tilak Thakur, Department of Electrical Engineering, Punjab Engineering College Deemed University, Chandigarh, and Sunita Goyal, Punjab State Electricity Board, Chandigarh, India	10/05
0134-Utilization of Solar Power through PEM Fuel cells	Tilak Thakur, Department of Electrical Engineering Punjab Engineering College Deemed University, Chandigarh, India, and Sunita Goyal, Punjab State Electricity Board, Chandigarh, India	10/06
0137-Concept and Requirements of Asset Management System for Competitive Electric Utility under Deregulation	T. Minakawa, E.C.Aizu N.P.O, 6-20, Keiwamachi, Taihaku-ku,Sendai, 982-0823, Japan, Y. Tada, TEPCO, Egasaki, Tsurumi-ku Yokohama, 230-8510, Japan, G. Wu, Tohoku Gakuin University, Tagajyo, Miyagi-ken, 985-8537, Japan	04/06
0139-A Zero Voltage switched PWM Isolated Boost Converter with Voltage Mode Control	S.L.Patil, Department of Instrumentation and Control, College of Engineering Pune,Wellesly Rd, Shivajinagar,Pune Maharashtra, India 411005, and A. K. Agarwala, Instrument Design Development Center, Indian Institute of Technology Delhi, Hauz Khas, New Delhi, India	09/03
0140-Mitigation of Voltage Sags by Grid-Connected Distributed Generation System in Series and Shunt Configurations	Songcen Wang, China Electric Power Research Institute, No.15 Xiaoying East Road, Qinghe, Beijing 100085, P.R.China	09/04



0141-Modeling of Fuel Cell Based Power Supply System for Grid Interface	Shailendra Jain, National Institute of Technology, Bhopal, India, Jin Jiang and Xinhong Huang University of Western Ontario, London, ON, Canada, and Srdjan Stevandić, MVA Engg. Group, London, ON, Canada	10/07
0142-Implementation of a New Protection Scheme on a Real Distribution System in Presence of DG	Seyed Ali Mohammad Javadian, Islamic Azad University, Science and Research Branch, Tehran, Iran, Mahmood-Reza Haghifam, Tarbiat Modares University, Tehran, P.O. Box 14155-143, Iran.	10/08
0143-Locational Marginal Price Projection using a Novel RBFNN Approach in Spot Power Market	Seema N. Pandey, Shashikala Tapaswi ABV-IITM, Gwalior, and Laxmi Srivastava, Madhav Institute of Technology and Science, Gwalior, 474005, India.	04/07
0148-Substation Communication Networks Architecture	Iqbal Ali, and Mini S. Thomas, Jamia Millia Islamia, New Delhi, India	06/03
0149-Energy Storage to Stabilize the Weak Wind Generating Grid	Sharad W. Mohod, Ram, Meghe Institute of Technology & Research, Badnera. Amravati, and Mohan V. Aware, Visvesvaraya National Institute of Technology, Nagpur, INDIA.	10/09
0150-Voltage Sag Assessment in a Large Chemical Industry	A.K.Goswami, C.P. Gupta, and G.K. Singh, Indian Institute of Technology Roorkee, Uttarakhand, India -247667	09/05
0151-Performance Investigation of New Combinational Load Shedding Schemes	Alireza Saffarian, Majid Sanaye-Pasand, Hamed Asadi, School of Electrical and Computer Engineering, University of Tehran, Iran	08/04
0152-Ad Hoc Based Secure Architecture for Survivable and Reliable Substation Automation System	Shabana Mehfuz Iqbal Ali, and Mini S Thomas, Jamia Millia Islamia, New Delhi, India	08/05

0153-Development of insulation structures for thyristor valves for use on 800kV HVDC transmission schemes	J. Sturgess, A. Baker and F. Perrot, AREVA T&D Technology Centre, St Leonards Avenue, Stafford, ST17 4LX, United Kingdom, and N. M. MacLeod, AREVA T&D Power Electronics, St Leonards Avenue, Stafford, ST17 4LX, United Kingdom	03/04
0156-Load Frequency Control of Multi-Area Restructured Power System	E. Rakshani, Department of Electrical Engineering, Ferdowsi University of Mashhad, Iran, and J. Sadeh, Islamic Azad University, Gonabad Branch, Gonabad, Iran	05/08
0160-Variable Frequency Transformers for Increased Wind Penetration	V. Jayashankar, and T.Geetha, Indian Institute of Technology, Madras	10/10
0161-Stability Assessment of Power System Models For Higher Wind Penetration	V. Jayashankar, and T.Geetha, Indian Institute of Technology, Madras	02/04
0163-Design of Genetic Algorithm Based Fuzzy Logic Power System Stabilizers in Multimachine Power System	Manisha Dubey, Maulana Azad National Institute of Technology, Bhopal, 462 051 India	02/05
0166-Minimizing the Impact of Transients of Capacitive Voltage Transformers on Distance Relay	F. Badrkhani Ajaei, and M. Sanaye-Pasand, School of Electrical and Computer Engineering, college of Engineering, University of Tehran, Tehran,	07/07
0169-Real Time GPS Data Processing for 'Sag Measurement' on a Transmission Line	Uma maheshwar Singareddy, Department of Electrical & Computer Engineering, Tennessee Technological University, Cookeville, TN 38501, and Satish Mahajan, Department of Electrical & Computer Engineering Tennessee Technological University, Cookeville, TN 38501	06/05
0170-Pricing of System Security with Voltage Stability Constraint	M. De, Jadavpur University, Kolkata, India	04/08

0171-A Novel CVaR Based Portfolio Optimization Model for LDC Electricity Procurement	Hailun Shanghai, Zheng Yan, Jiaotong University, Dongchuan Road 800, Shanghai 200240, China, and Yunhe Hou, National Key Laboratory of Power Systems in Shenzhen, Tsinghua University, Guangdong 518055, China	04/09
0178-A Novel Power Quality Event Classification using Slantlet Transform and Fuzzy Logic	Saroj K Meher, Applied Research Group, Satyam Computer Services Ltd., Entrepreneurship Centre, SID Block, IISc. Campus, Bangalore-560012	09/06
0182-Eddy Current Analysis of Induction Machine by 3D Finite Element Method	Manpreet Singh Manna, Sanjay Marwaha, Electrical & Instrumentation Engineering Department, and Anupma Marwaha, Electronics & Communication Engineering Department of Sant Longowal Institute of Engineering & Technology, Longowal (Punjab), India	11/07
0196-Power System Blackout Model via OPF and Its Self-organized Criticality	Shengwei Mei, <i>Senior Member, IEEE</i> , and Gang Wang, key laboratory of power systems, Dept. of Electrical Engineering, Tsinghua University. 100084, Beijing, China	02/21
0197-Probabilistic Evaluation Method of Available Transfer Capability Considering Reliability Margins in Transmission Network	K. Sekita, A. Yokoyama, University of Tokyo, Japan, S. C. Verma, and Y. Nakachi, Chubu Electric Power Co. Inc, Japan	04/10
0202-Comparison of Power flow control TCSC versus UPFC	Samina.E.Mubeen, R.K.Nema, and. Gayatri Agnihotri, Maulana Azad NIT Bhopal, India	03/31
0203-Impact of the Competitive Environment on the Generating Units Maintenance	I. Kuzle, H. Pandzic, and S. Tesnjak, Faculty of Electrical Engineering and Computing, University of Zagreb, Croatia	04/11
0204-Case Study of a Multi-Infeed HVDC System	Paulo Fischer de Toledo, ABB AB – HVDC, SE-771 80 Ludvika and Division of Electrical	03/05

	Machines and Power Electronics, Royal Institute of Technology, Stockholm, S-100 44, Sweden; Jiuping Pan, ABB Corporate Research, Raleigh NC 27606 USA, Kailash Srivastava, ABB Corporate Research, 72178 Vasteras, Sweden, WeiGuo Wang, ABB China HVDC ,Beijing China, and Chao Hong, China Southern Power Grid Co. Ltd., Guangzhou, China.	
0210-PMU-Based Wide Area Damping Control of Power Systems	H. Wu, Q. Wang and X. Li, School of Electrical and Automation Engineering, Nanjing Normal University, 210042, Nanjing, China	02/06
0213-Research on Extension Method and Detection of Fault-Line Selection in Resonant Grounded Systems	LI Bin, SHU Hongchun , Kunming University of Science and Technology, Kunming 650051, Yunnan, China	07/08
0219-Recent Developments of UHV DC Transmission Research in China	Daochun Huang, Jiangjun Ruan, School of Electrical Engineering, Wuhan University, Wuhan, 430072, Hubei, China	03/06
0220-A Novel Controller for STATCOM to Enhance Power System Dynamic Behaviour	D. Padma Subramanian, Valliammai Engineering College, SRM Nagar, Kattankulathur, R. P. Kumudini Devi College of Engineering, Guindy, Anna University, Chennai	03/07
0222-The Implementation and Analysis of Over-modulation Technique of Three-phase Current Source Rectifier Based on FPGA	ZHANG C., North China Electric Power University, Beijing 102206, China, LI Y. North China Electric Power University, Baoding, WANG Q. East China Electric Power Design Institute (ECEPDI), Shanghai 200063, China, LI C., Department of Electrical Engineering, North China Electric Power University, Beijing 102206, China	09/07
0224-Effect of Different De-ion Plate Surface Finishes on Arc Mobility	Virender Singh Bura, Satbir Singh, Rayomand Medhora, and Aditya Legha, Switchgear Design	12/02

	& Development Division of Larsen & Toubro Ltd., Powai, Saaki Vihar Road, Mumbai – 400072	
0230-The Study of Distributed Multi-Area State Estimation Algorithm	Hong-shan Zhao, Jin-lian Guo, Xiao-dan Fan North China Electric Power University, Baoding, Hebei, 071003 China	01/07
0231-A New Method of Single-Phase-to-Earth Fault Location of Rural MV Power Networks	Feng Yan, Ting-li Ge, and Hong-shan Zhao, Member, IEEE, Department of Electric Power Engineering, North China Electric Power University, Baoding Hebei 071003, China	07/09
0239-Analysis Of Three Phase Unbalanced Radial Distribution Networks With Interval Arithmetic	M. S. Giridhar, Sreenivasa Institute of Technology and Management Studies, District Chittoor, A.P, INDIA and S. Sivanagaraju, Department of Electrical Engineering, J.N.T.U. College of Engineering, Anathapur, A.P, INDIA.	08/06
0242-Enhancement of Power System Performance	K.Shanmukha Sundar, Dayananda Sagar College of Engineering, Bangalore 560078, Karnataka State, India. and H.M.Ravikumar, Jawaharlal Nehru College of Engineering, Shimoga, Karnataka State, India.	05/09
0249-New Alternating current De-excitation for Large Hydraulic Generators	Chen Xianming, Wang Wei, Lu Hongshui, Liu Guohua, and Zhu Xiaodong, Nanjing Automation Research Institute, No.8 Nanru Road, Nanjing, China, 210003	09/08
0251-Comparative Performance of Isolated Forward and Flyback AC-DC Converters for Low Power Applications	Bhim Singh, Senior Member, IEEE, and Ganesh Dutt Chaturvedi, Department of Electrical Engineering, I.I.T. Delhi, New Delhi	09/09
0252-Distance Relay Co-ordination Using Support Vector Machines in Power Transmission System	Ravikumar B., Thukaram D., Senior Member, IEEE, and H. P. Khincha, Senior Member, IEEE, Department of Electrical Engineering, Indian	07/10

	Institute of Science, Bangalore, India	
0253-Ranking of Prospective New Generation Location for a Power Network in a Deregulated System	D. Thukaram, Senior Member, IEEE, and C. Vyjayanthi, Department of Electrical Engineering, Indian Institute of Science, Bangalore-560012, India	04/12
0254-Coordination of Distance Protection Relays on Multiple Parallel Line Corridors	K. Trunk, J. Jäger, and M. Ramold, Institute of Electrical Power Systems at the University of Erlangen, Cauerstr. 4, 91058 Erlangen, Germany	07/11
0256-An Integrated Relay for Differential Protection of Transmission Lines	Y. L. Ren, Z. Q. Bo, AREVA T&D – Automation, UK., J. H. He, Department of Electrical Engineering, Beijing Jiaotong University, China. and A. Klimek, Department of Electrical Engineering, Beijing Jiaotong University, China.	07/12
0257-A Real Time Digital Simulation System for Testing of Integrated Protection Schemes	Y. L. Ren, Z. Q. Bo, AREVA T&D – Automation, UK., J. H. He, Department of Electrical Engineering, Beijing Jiaotong University, China, and A. Klimek, Department of Electrical Engineering, Beijing Jiaotong University, China.	07/13
0258-Influence of a Low Power Parallel DC Link on the Enhancement of Generator Stability	G. G. Raju, Senior Member, IEEE, and R. Premathilaka, Member, IEEE, Department of Electrical and Computer Engineering, University of Windsor, On., N9B 3P4, Canada	02/07
0263-Rehabilitation of Coal Power plant in Kosovo	N. Z. Avdiu, Energy Regulatory Office in Kosova / University of Prishtina, Kosova	04/13
0266-Impedance Source Inverter for Wind Turbine Driven Permanent Magnet Generator	R. Bharanikumar, R. Senthilkumar, and A. Nirmal Kumar, Department of Electrical Engineering, Bannari Amman Institute of Technology, Sathyamangalam, India.	10/11

0273-Effect of UPFC on Voltage Stability Margin	J. Raju, and P.S. Venkataramu, VIT University, Vellore, Tamilnadu, India	03/08
0274-Measured Impedance by Distance Relay in Presence of Resistive Fault Current Limiter	S. Jamali, and H. Shateri, Student Member, IEEE, Center of Excellence for Power Systems Automation and Operation, Department of Electrical Engineering, Iran	07/14
0275-Robustness of Distance Relay Applied for Distribution Feeders with Quadrilateral Characteristic against Fault Resistance	H. Shateri, Student Member, IEEE, and S. Jamali, Center of Excellence for Power Systems Automation and Operation, Department of Electrical Engineering, Iran University of Science and Technology (IUST), Narmak, Tehran 16846, Iran,	07/15
0276-Effects of SMES Equipped UPFC on Distance Relay Tripping Characteristic	S. Jamali, A. Kazemi, and H. Shateri, Student Member, IEEE, Center of Excellence for Power Systems Automation and Operation, Department of Electrical Engineering, Iran University of Science and Technology (IUST), Narmak, Tehran 16844, Iran,	07/16
0280-A New Linearisation Technique for Permanent Magnet Synchronous Motor Model	A .K .Parvathy, Member, IEEE, Department of Electrical and Electronics Engineering, Hindustan Institute of Technology and Science, Chennai, India, V. Kamaraj, Member, IEEE, Department of Electrical and Electronics Engineering SSN College of Engineering, Chennai, India, and R. Devanathan, Senior Member, IEEE, Department of Electrical and Electronics Engineering, Hindustan Institute of Technology and Science, Chennai, India	11/08
0281-Influence of Soft Magnetic Composite Material on the Electromagnetic Torque Characteristics of Switched Reluctance Motor	K. Vijayakumar, R. Karthikeyan, Department of Electrical Engineering, Anna University, Chennai, and R. Arumugam, Member IEEE,	11/09

	Department of Electrical Engineering, SSN college of engineering, Chennai,	
0282-Comparisons between the Load Models with Considering Distribution Network Directly or Indirectly	P. Ju, Member, IEEE, College of Electrical Engineering, Hohai University, Nanjing, 210098, China K.Q. Shi, Electric Power of Northwest China, Xian, 710000,China, Y. Tang, China Electric Power Research Institute, Haidian District, Beijing 100085, China Z.Y. Shao, Q. Chen, College of Electrical Engineering, Hohai University, Nanjing, 210098, China and W.Y. Yang, Electric Power of Northwest China, Xian, 710000, China	08/07
0292-Unit Commitment under Wind Power and Demand Uncertainties	V. S. Pappala, I. Erlich, Institute of Electrical Power Systems (EAN), Universität Duisburg-Essen, 47057- Duisburg, Germany, and S.N.Singh, Indian Institute of Technology-Kanpur, India	10/35
0295-Power System Security Improvement by Using Differential Evolution Algorithm Based FACTS Allocation	H. R. Baghaee, Student Member, IEEE, B. Vahidi, Senior Member, IEEE, S. Jazebi, G. B. Gharehpetian, Member, IEEE, and A. Kashefi, Electrical Engineering Department, Amirkabir University of Technology, Hafez Ave, Tehran-Iran,	02/08
0300-Craziness based and Velocity Relaxed Swarm Optimized Intelligent PID Controlled AVR System	V. Mukherjee, Electrical Engineering Department of Asansol Engineering College, West Bengal, India, and S. P. Ghoshal, Department of National Institute of Technology, Durgapur, West Bengal, India.	02/09
0301-Evaluation of Rotor Speed Stability Margin of a Constant Speed Wind Turbine Generator	Mital G. Kanabar, Student Member, IEEE, and S. A. Khaparde, Senior Member, IEEE Department of Electrical Engineering, Indian	10/19



	Institute of Technology Bombay, Mumbai, India - 400076	
0302-Power System Stabilization Improvement by Using PSO-based UPFC	B. Vahidi, Senior Member, IEEE, S. Jazebi, H. R. Baghaee, Electrical Engineering Department, Amirkabir University of Technology, Hafez Ave, Tehran-Iran, M. Tahan, school of electrical and computer engineering, Tehran University, Tehran, Iran, and M. R. Asadi, Electrical Engineering Department, Amirkabir University of Technology, Hafez Ave, Tehran, Iran	03/09
0303-Modeling, Design and Analysis of Different Controllers for DSTATCOM	Bhim Singh, <i>Senior Member, IEEE</i> , Department of Electrical Engineering, Indian Institute of Technology Delhi, Alka Adya, Department of Electrical and Electronics Engineering, Maharaja Agrasen Institute of Technology Delhi, A. P. Mittal, <i>Member, IEEE</i> , and J.R.P. Gupta, Department of Instrumentation and Control Engineering, Netaji Subhas Institute of Technology, Delhi, India	09/10
0304-Voltage Flicker Mitigation Using STATCOM and ESS	V. B. Virulkar, and M. V. Aware, Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur	09/11
0306-Transient Performance of Three-Phase Four-Wire Stand Alone Supply System with Static Converter Employed for Industrial Loads	Yogesh K. Chauhan, Sanjay K. Jain, Electrical and Instrumentation Engg. Department Thapar University, Patiala, Punjab, India, and Bhim Singh, Senior Member, IEEE, Electrical Engineering Department, Indian Institute of Technology, New Delhi-110016, India	11/10
0315-Induction Machines - A Novel, Model based Non-invasive Fault Detection and Diagnosis Technique	Padmakumar S., Kallol Roy, Member, IEEE, Department of Atomic Energy (BARC), Mumbai,	12/03

	India 400085 and Vivek Agarwal, Senior member, IEEE Department of Electrical Engineering, IIT Bombay, Mumbai-400076, India	
0316-Design and Implementation of a High Accuracy Sampling Wattmeter under Non-sinusoidal and Time Varying Environments	Arghya Sarkar, Member, IEEE, MCKV Institute of Engineering, 243 G. T. Road (N), Liluah, Howrah-711204, and S. Sengupta, Member, IEEE Department of Applied Physics, University of Calcutta, 92, A. P. C. Road, Kolkata - 700009	12/04
0318-A method of distributed state estimation based on improved innovation graph	Jian Wang, Ying Chen, Member, IEEE, and Chen Shen, Senior Member, IEEE State key Lab of Power Systems, Department of Electrical Engineering, Tsinghua University, 100084, Beijing, China	01/08
0320-Voltage Contingency Ranking of a Practical Power Network Using Hybrid Neuro-Fuzzy System	K.T.Chaturvedi, Department of Electrical and Electronics Engineering, UIT, RGPV, Bhopal, India. M. Pandit, L. Srivastava, Department of Electrical Engineering, Madhav Institute of Technology and Science, Gwalior, India, and R. P. Bhatele, Madhya Pradesh Power Transmission Company Limited (MPPTCL), Jabalpur, India	05/10
0321-Distributed Generation by Solid Oxide Fuel Cell - A Review	A.Kirubakaran, R.K.Nema, and Shailendra Kumar Jain Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal-462051, India	10/12
0323-Classification of impulse fault patterns in transformers using wavelet network	P. Rajamani, D. Dey, B. Chatterjee, and S. Chakravorti, Senior Member, IEEE. department of Electrical Engineering, Jadavpur University, Kolkata, India, 700 032	12/05
0328-Enhancing Power Transfer Capacity of Transmission System by a Reduced Magnetics	Bhim Singh, Senior Member, IEEE, Department of Electrical Engineering, Indian Institute of	03/10

Based 48-Pulse STATCOM Controller	Technology, Delhi, Hauz Khas, New Delhi 110016, India, and R. Saha, Senior Member, IEEE Central Electricity Authority, Sewa Bhawan, R. K. Puram, New Delhi 110 066, India	
0332-Speed Optimization of Servo Motor in Optical Disc Systems Using Particle Swarm Optimization	Millie Pant, Radha Thangaraj, Student Member, IEEE, and V. P. Singh, Indian Institute of Technology Roorkee, (Saharanpur Campus), Saharanpur – 247001, India.	11/11
0333-A Comprehensive Two Level Heuristic Approach to Transmission Expansion Planning	Pradeep Yemula, V. S. K. Murthy B Student Member, IEEE, and S. A. Khaparde, Senior Member, IEEE, Electrical Engineering Department Indian Institute of Technology, Bombay.	01/29
0335-Simulation of a Single-Phase Induction Motor with Dynamic Capacitor for Maximum Torque Operation	Vishal Verma, Member, IEEE, Peeyush Pant, and Bhim Singh, Senior Member, IEEE Department of Electrical Engineering, Indian Institute of Technology Delhi, New Delhi	11/12
0336-An Overview of the Distributed Generation _DG_ Connected to the GRID	Debabrata (Debu) Kundu, Senior Member, IEEE Innisfil Hydro Distribution Systems	10/13
0337-ANN based SVC switching at distribution level for minimal injected harmonics	D. B. Kulkarni Research Center, E & C Dept., Gogte Institute of Technology, Belgaum, Karnataka, India, G. R. Udupi, V.D.R.Institute of Technology, Haliyal, Uttar Kannada, Karnataka, India	09/12
0340-G-Parameter Based Stability Analysis of DC-DC Power Electronic System	M. Veerachary, Senior Member, IEEE, Anmol Ratna Saxena Dept. of Electrical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016, India	09/13
0341-Optimal Voltage Restoration in Electric Power System Using Genetic Algorithms	A. Ulinuha Department of Electrical Engineering, Universitas Muhammadiyah	05/11

	Surakarta, Indonesia, M.A.S. Masoum, and S.M. Islam Department of Electrical and Computer Engineering, Curtin University of Technology, Perth, WA, Australia	
0342-IEC61850 based Substation Automation System	Keiichi Kaneda, Setsuo Tamura, Nobuhisa Fujiyama, Yoshikazu Arata, Hachidai Ito, Power Systems Protection & Control Department, Fuchu Complex, Toshiba Corporation, 1, Toshiba-Cho, Fuchu-Shi, Tokyo, 183-8511, Japan	08/12
0343-Research and Design of a New Kind of Optical Current Transducer	Li Yansong, Wang Qian, Ma Daqian, Liu Jun, and Zhou Hao, Dept. of Electric and Electronic Engineering, North China Electric Power University, China	12/06
0345-Power System Stability and Load Sharing in Distributed Generation	Ritwik Majumder, Student Member, IEEE, Arindam Ghosh, Fellow, IEEE, Gerard Ledwich, Senior Member, IEEE, and Firuz Zare, Senior Member, IEEE School of Engineering Systems, Queensland University of Technology, Brisbane, Qld 4001, Australia.	10/14
0353-Distributed Fast Decoupled Load Flow Analysis	Kalyan Dasgupta, and K. S. Swarup department of Electrical Engineering, Indian Institute of Technology Madras, India	01/09
0354-Identification of Operating States of Power System Using Transient Stability Analysis	Manoj Kumar Maharana, and K. Shanti Swarup Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai-600036, India.	02/10
0367-Study on A Novel Controllable Reactor Using in Ultra-high Voltage System	Guihong Feng, Jiayun Shao, Bingyi Zhang, Department of Electrical Engineering, Shenyang University of Technology, Shenyang, China, and Yisong Zhao, Northeast Electric Power Science	03/32

	Academe, Shenyang, China	
0368-Study on Electromagnetic Environment of Multi-circuit Transmission Lines on Same Tower	Guihong Feng, Yanxin Wang, and Bingyi Zhang, Department of Electrical Engineering, Shenyang University of Technology, Shenyang, China	02/18
0370-Power System Frequency Estimation Using Neural Network and Genetic Algorithm	Monika Gupta, Dept. of Electrical and electronics Engg., Maharaja Agarsen Institute of Technology, Delhi, India, Smriti Srivastava and J.R.P.Gupta, Dept. Instrumentation and Control Engg., Netaji Subhas Institute of Technology, Delhi, India.	05/12
0388-A Binary Differential Evolution Algorithm For Transmission And Voltage Constrained Unit Commitment	S. Patra, and B. Goswami Assam Engineering College, Guwahati-781013, Assam, India, and S. K. Goswami Jadavpur University, Kolkata, West Bengal, India	01/10
0389-Experiments on Ferro-resonance at Various Line Conditions and Its Damping	M. Roy, and C. K. Roy Electrical Engineering Department of Jadavpur University, Kolkata-700032, India	05/13
0390-Improvement of Adjustable Speed Drives (ASD's) Performance During Sag Conditions Using Ultra-capacitors	S. Dahiya and D. K. Jain Department of Electrical Engineering, D.C.R. University of Science & Technology, Sonapat-131039, Haryana, Ashok Kumar, Y.M.C.A.I.E.T, Faridabad, Haryana, India, R. Dahiya Department of Electrical Engineering, N.I.T, Kurukshetra, Haryana, India, and S. S. Deswal, Department of Electrical Engineering, M.A.I.E.T, New Delhi, India	11/13
0392-Distribution System Load Flow Using Primal Dual Interior Point Method	Ravindra Singh, Student Member, IEEE, Bikash C. Pal, Senior Member, IEEE, Department of Electrical and Electronic Engineering, Imperial College, London, UK Rabih A. Jabr, Member,	08/08

	IEEE, Electrical Computer and Communication Engineering Department, Notre Dame University, Lebanon, and Peter D. Lang, Member, IET EDF Energy Networks, UK	
0393-Supplementary control for SVC to improve the converter commutation performance of HVDC	Xiaojiang Guo, Guangquan Bu, Yong Tang, Shiyong Ma, CEPRI, Beijing, China	03/26
0395-Researches on the Noise Models of Valves and DC PLC Filters in UHVDC Transmission Project	WEN Jun, XU Chao, HAN Min-xiao, Electrical and Electronic Engineering, North China Electric Power University, Beijing, 102206, China ZHENG Jin, YIN Wei-yang, and SUN Zhong-ming Beijing Wanguan HVDC Engineering Technology Co. Ltd., Beijing, 100005, P.R. China	03/11
0399-Performance analysis of a Self Excited Induction Generator with digitally controlled Electronic Load Controller for micro hydel power generation	S. S. Murthy, Life Senior Member, IEEE, G. Bhuvaneshwari, Senior Member, IEEE, Sarsing Gao, Department of Electrical Engineering, Indian Institute of Technology, New Delhi-110016, India, and M. Sree Lalitha Gayathri HCL Technologies Limited, Bangalore, India	10/15
0400-A Three Phase Active Filter based on Three Level Diode Clamp Inverter	M. Postan, Member, IEEE, and A. R. Beig, Senior Member, IEEE Department of Electrical Engineering, The Petroleum Institute, Abu Dhabi UAE.	09/14
0402-A New Coherency-based Dynamic Equivalence Algorithm with Complex Network Theory	Ni Xiang-ping, and Mei Sheng-wei Department of Electrical Engineering, Tsinghua University, Beijing, 100084, China	02/11
0406-Design, simulation and comparison of synthetic test circuits for High voltage circuit breakers	J. G. Jamnani, Department of Electrical Engineering, Institute of Technology, Nirma University, Ahmedabad, India, and S. A. Kanitkar, Department of Electrical Engineering, Faculty of Technology and Engineering, M.S.	12/07

	University, Baroda, India.	
0407-Performance Evaluation of New Series Connected Grid-Side Converter of Doubly-Fed Induction Generator	Bharat Singh, V. Emmoji, S. N. Singh, Senior Member, IEEE, Indian Institute of Technology Kanpur, Kanpur-208016, UP, India, and I. Erlich, Senior Member, IEEE University of Duisburg-Essen, Duisburg-47057, Germany	10/16
0408-Distribution Maintenance Time scheduling Using a Genetic Algorithm	Huang Xianchao, Zhang Lizi ,Shu Jun ,Zhang Jingwei North China Electric Power University, 102206, China	08/09
0410-Dynamic Available Transfer Capability (DATC) Computation using Intelligent Techniques	D. M. Vinod Kumar, and Ch. Venkaiah Department of Electrical Engineering, National Institute of Technology, Warangal – 506 004 (A.P.)	01/11
0412-Evolutionary Programming Incorporating Neural Network for Transient Stability Constrained Optimal Power Flow	Kritsana Tangpatiphan, and Akihiko Yokoyama, Department of Electrical Engineering, University of Tokyo, Tokyo, Japan	01/12
0414-Optimal ATC Allocation in Power Systems	A. Rajabi-Ghahnavieh, Department of Electrical Engineering, Sharif University of Technology, Tehran 11365-8639, Iran / Laboratoire d'Electrotechnique de Grenoble, INPG/ENSIEG, BP 46, 38402, Saint Martin d'Here, Cedex France, and M. Fotuhi-Firuzabad Department of Electrical Engineering, Sharif University of Technology, Tehran, Iran R. Feuillet Laboratoire d'Electrotechnique de Grenoble, INPG/ENSIEG, BP 46, 38402 Saint Martin d'Here, Cedex France.	01/13
0425-Adequacy Evaluation of Bulk Power Systems via Combination of Monte Carlo Simulation and Artificial Immune Recognition System	Lingfeng Wang, and Chanan Singh, Electrical and Computer Engineering Department, Texas A&M University, College Station, TX 77843, USA	01/31

0428-A New Approach to Compute Transient Behavior of Grounding Electrodes	S.M. Shahrtash Center of Excellence for Power Systems Automation and Operation in Iran University of Science and Technology, and N. Ramezani, Center of Excellence for Power Systems Automation and Operation in Iran University of Science and Technology	02/12
0431-An ANN based Digital Controller for a Three-phase Active Power Filter	Sindhu .M.R, Manjula G. Nair, and T.N.P Nambiar Department of Electrical & Electronics Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore, India	09/15
0432-A Practical double-Parameter Steady Voltage Stability Boundary Tracing Method	Jinquan Zhao School of Electrical Engineering, Hohai University, Nanjing, Jiangsu, 210098, R. P. China Boming Zhang Department of Electrical Engineering, Tsinghua University, Beijing, 100085, R. P. China.	01/14
0441-Application of Artificial Neural Networks in Determining Critical Clearing Time in Transient Stability Studies	D. Rama Krishna, G.V.P.College of Engg., Visakhapatnam, India, K. V. S. Ramachandra Murthy, Dept. of E.E.E, G.V.P.College of Engg., Visakhapatnam, India, G. Govinda Rao, Dept. of E.E.E, G.V.P.College of Engg., Visakhapatnam	02/13
0444-Inductance Calculation of 8 by 6 Switched Reluctance Motor	P. Naresh Kumar, and T. B. Isha, Department of Electrical and Electronics Engineering, School of Engg. Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore, India.	11/14
0446-Particle Swarm Optimization Based Energy Optimized Dynamic Voltage Restorer	P.Ajay-D-Vimal Raj and Dr.M.Sudhakaran Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Puducherry-605014, S. Senthil Kumar, and J. Raja, Department of Electrical and Electronics	09/16



	Engineering, Sri Manakula Vinayagar Engineering College, Puducherry-605107, and T. G. Palanivelu, Principal, Pondicherry Engineering College, Puducherry-605014.	
0449-Direct Torque Control of Symmetrical and Asymmetrical Single Phase Induction Motor	V. Fating, S.V. Jadhav, R.T. Ugale, and B.N. Chaudhari, Department of Electrical Engineering, College of Engineering, Pune, Maharashtra	11/26
0451-Behavior of Line Start Permanent Magnet Synchronous Motor Under Short Power Interruptions	R.T. Ugale, Y. Balkrishna, B.N.Chaudhari , N. R. Bhasme, Department of Electrical Engineering, College of Engineering Pune, Shivajinagar, Pune-411 005. Maharashtra	11/27
0458-Modelling and Control of an Inverter for VSC-HVDC Transmission System with Passive Load	Yongsheng Alan Wang Transend Networks Pty Ltd, Tasmania, Australia, John T Boys and Aiguo Patrick Hu, Department of Electrical and Computer Engineering, The Univ of Auckland, Auckland, New Zealand	03/12
0460-Environmental Constrained Economic Dispatch using Bacteria Foraging Optimization	J. Hazra, Student Member, IEEE, and A. K. Sinha, Member, <i>IEEE</i> , Department of Electrical Engineering, IIT Kharagpur, India	05/25
0461-Evolutionary Computation Based Comparative Study of TCPS and CES Control Applied to Automatic Generation Control	S. P. Ghoshal Department of Electrical Engineering, National Institute Technology, Durgapur, West Bengal, India, and Ranjit Roy Department of Electrical Engineering, Sardar Vallabhbhai National Institute Technology, Surat, Gujarat, India	05/14
0463-Study on Polyphase Rectifying System with Phase-Shifting Reactor	Fengxiang Wang School of Electrical Engineering, Shenyang University of Technology, Shenyang, Haoran Bai School of Electrical Engineering, Shenyang University of Technology, Shenyang, China Tao Zhang School	09/17

	of Electrical Engineering, Shenyang University of Technology, Shenyang, China	
0464-Choice of Pole-Slot Number Combination for PM Generator Direct-Driven by Wind Turbine	Fengxiang Wang School of Electrical Engineering, Shenyang University of Technology, Shenyang, China Yue Zhang School of Electrical Engineering, Shenyang University of Technology, Shenyang, China	11/15
0465-Losses and Thermal Analysis of High Speed PM Machine	Jiqiang Wang, Department of Electrical and Control Engineering, Liaoning Technical University, Huludao, China, and Fengxiang Wang, School of Electrical Engineering, Shenyang University of Technology, Shenyang, China Xiaoguang Kong School of Electrical Engineering, Shenyang University of Technology, Shenyang, China.	11/16
0477-A Novel Scheme of an Unified Flux and Torque Control Method for Direct Torque Control Algorithm Based Induction Motor	K.Ramani Electrical and Electronics Engineering Department, K.S.Rangasamy College of Technology, Tiruchengode, and A.Krishnan, K.S.Rangasamy College of Technology, Tiruchengode, Namakkal Dt., Tamilnadu.	11/17
0482-Economic Dispatch with Multiple Fuel Types by Enhanced Augmented Lagrange Hopfield Network	V.N. Dieu and W. Ongsakul, Energy Field of Study, School of Environment, Resources and Development, Asian Institute of Technology, Klongluang, Pathumthani 12120, Thailand	01/15
0483-Development of Intelligent Controllers for STATCOM	S.Arockia Edwin Xavier, P. Venkatesh and M. Saravanan, EEE Department of Thiagarajar College of Engineering, Madurai.	03/13
0486-A Review of Compensating Type Custom Power Devices for Power Quality Improvement	Yash Pal, A. Swarup, Senior Member, IEEE, Department of Electrical Engineering, NIT, Kurukshetra, India, and Bhim Singh, Senior Member, IEEE, Department of Electrical	07/24

	Engineering, IIT, Delhi, India	
0488-Novel HV Circuit Breaker Reliability Testing Measure Based on Image Processing	Guiyan Cui, Electric and Electronic Engineering School of North China Electric Power University, Baoding 071003, Hebei Province, China, Shutao Zhao, Key Laboratory of Power System Protection and Dynamic Security Monitoring and Control under Ministry of Education, North China Electric Power University, Baoding 071003, Hebei Province, China, Chenguang Zhao, North China Electric University, Baoshu Li, Key Laboratory of Power System Protection and Dynamic Security Monitoring and Control under Ministry of Education, North China Electric Power University, Baoding 071003, Hebei Province, China.	05/15
0493-Adaptive Particle Swarm Optimization Approach for Optimal Reactive Power Planning	P.Rajkumar, Tamilnadu Electricity Board, and D. Devaraj Department of Electrical & Electronics Engineering, Kalasalingam University, Krishnankoil, Tamilnadu	01/16
0494-Comparison between Hilbert space based power theory and Traditional power theory	Fei Wang, Zengqiang Mi, and Qixun Yang, Key Laboratory of Power System Protection and Dynamic Security Monitoring and Control under Ministry of Education, North China Electric Power University, Baoding 071003, Hebei Province, China.	01/17
0496-Bifurcation Analysis of DC-DC Converters using Discrete Time Model	A. Kavitha, Electrical and Electronics Department, College of Engineering, Guindy, Anna University – 600025, G. Uma Power Electronics division of Electrical and Electronics Department, College of Engineering, Guindy,	09/18

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0497-Power Systems Voltage Stability Using Artificial Neural Network	M. R. Khaldi Department of Electrical Engineering, University of Balamand, P.O. Box 100, Tripoli, Lebanon	01/18
0498-Research of Environment Externalities Control of Power Plants in Electricity Market	Cai-hua Li, Yu Cheng, and Li-zi Zhang, North China Electric Power University, Beijing, China.	04/14
0499-Effect of sudden increase of dynamic loads on voltage stability	WU Shengyu, ZHANG Xueming, and MEI Shengwei, Department of Electrical Engineering, Tsinghua University, Beijing, 100084,China	02/14
0508-Design and Analysis of Annular Linear Induction Pump (ALIP)	Shamsuddeen N, Ankit Ashok, Rajendrakumar J, Krishna V, Member, IEEE, Jayashankar V, Department of Electrical Engineering, Indian Institute of Technology, Madras - 600036, India	11/18
0513-Study and Simulation of SSSC and TCSC Transient Control Performance	LIU Qing, Student Member, IEEE, and ZHENG Zhenhua, WANG Zengping, Member, IEEE, China	03/28
0514-A Novel Approach of Input Variable Selection for ANN Based Load Forecasting	Vivek Shrivastava, Student Member, IEEE, and R. B. Misra, Senior Member, IEEE Reliability Engineering Centre, Indian Institute of Technology Kharagpur, WB, 721302 India	01/19
0515-Electric Field and Potential Calculation in 10, 15 and 20 kV Water Infested Power Cables	K. Rajagopala, M. P. Ravindran, and P. Durai Kannu National Institute of Technology Karnataka, Surathkal. Electrical and Electronics Engineering Department, P.O. Srinivasnagar, Mangalore 575025, India	12/08
0516-On Line Fault Detection and an Adaptive Algorithm to Fast Distance Relaying	S.G. Srivani, and K.P Vittal, Member, IEEE, National Institute of Technology Surathkal, Karnataka, India.	07/17
0521-Artificial Neural Network based Controller and Speed Estimation of Permanent Magnet	Prerna Gaur, Senior Member IEEE, A.P. Mittal, Senior Member, IEEE, Instrumentation and	11/29

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0524-Stability Analysis of Yunnan Power Grid including $\pm 800$ kV UHVDC Transmission based on Full Dynamic Simulation	Shu Hongchun School of Electric Engineering, Kunming, University of Science and Technology, Kunming, Yunnan, China- 650051, Liu Kezhen Department of Electric Engineering, Harbin Institute of Technology, Harbin, Heilongjiang, China - 150001, Sun Shiyun, Department of Electric Engineering, Harbin Institute of Technology, Harbin, Heilongjiang, China- 150001, Zhang Jiabei and Chen Yong, School of Electric Engineering, Kunming University of Science and Technology, Kunming, Yunnan, China-650051	03/14
0528-Analysis on Fault of Yun-Guang hybrid AC-DC Power Transmission System	Liu Kezhen, Department of Electric Engineering, Harbin Institute of Technology, Harbin, Heilongjiang, China- 150001, Shu Hongchun School of Electric Engineering, Kunming University of Science and Technology, Kunming, Yunnan, China- 650051, Chen Yong School of Electric Engineering, Kunming University of Science and Technology, Kunming, Yunnan, China- 650051 Sun Shiyun Department of Electric Engineering, Harbin Institute of Technology, Harbin, Heilongjiang, China- 150001 Zhang Guangbin School of Electric Engineering, Kunming University of	03/15

	Science and Technology, Kunming, Yunnan, China- 650051	
0531-Pareto Optimality Model of Reserve Market Including Interruptible Load	GE Ju, and ZHANG Li-zi Department of Electrical Engineering, North China Electric Power University, Beijing, China	01/20
0534-FPGA-based Ultra-Low Latency HIL Fault Testing of a Permanent Magnet Motor Drive using RT-LAB-XSG	Christian Dufour, Jean Bélanger, and Vincent Lapointe Opal-RT Technologies, Montreal, Quebec, Canada	11/19
0537-Stability Analysis of Thyristor Controlled Inter phase Power controller in Deregulated power system	S. Chitra Selvi, and R.P.Kumudini Devi , IEEE Member Department of Electrical and Electrical Department, College of Engineering, Guindy, Anna University -600 025	09/19
0541-A Combined Multipulse-Multilevel Voltage Source Inverter Configuration for STATCOM Applications	B. Geethalakshmi Pondicherry Engineering College, Pondicherry, India, P. Dananjayan Department of Electronics and Communication Engineering, Pondicherry Engineering College, Pondicherry, K. DelhiBabu, Power Grid Corporation of India, India.	03/16
0545-Classification of Power Signal Disturbances Using Wavelet Based Neural Network	M. Sushama, A. Jaya Lakshmi, G. Tulasi Ram Das, and Ch. Prasanth Babu, Department of Electrical and Electronics Engineering, J.N.T.U College of Engineering, Hyderabad, India	07/25
0547-Day-ahead Electricity Price forecasting using Wavelets and Weighted Nearest Neighborhood	C. V. K. Bhanu, G. Sudheer, , and V. Phanikanth Department of Electrical and Electronics Engineering, G.V.P.College of Engineering, Visakhapatnam, India C. Radhakrishna Global Energy consulting Engineers Limited, Hyderabad	04/15
0554-Embedded Energy Meter- A New Concept To Measure The Energy Consumed By A	Subhashis Maitra, Government Engineering College, Kalyani, Nadia, West Bengal, India	12/09

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0561-Fostering The Use of Low Impact Renewable Energy Technologies with Integrated Operation Is The Key for Sustainable Energy System	Pradeep K Katti, Electrical Engineering Dept. Dr. B A Tech. University –Lonere Maharashtra – India – 402103, and Mohan K Khedkar, Electrical Engineering Dept. V N I T –Nagpur - Maharashtra –India	10/17
0566-The Use of Special Tools for Emergency Control in the Russian Far East Power Grid	E. Kosterina Branch of SO of Russian Power Grid, 680000, 38 Muravieva Amurskogo Str, Khabarovsk, Russia A. Arestova , SibEPRI, 10/1 Klenovaya Str, 630126, Novosibirsk, Russia M. Balabin SibEPRI, 10/1 Klenovaya Str, 630126, Novosibirsk, Russia, A. Grobovoy Power System Emergency Control Laboratory, 26-38 Blukherr Str., Novosibirsk 630064 Russia R. Cherkaoui Ecole Polytechnique Fédérale de Lausanne, EPFL-STI-ISE-LRE, ELL 116, Station 11, CH-1015 Lausanne, Switzerland A. J. Germond Ecole Polytechnique Fédérale de Lausanne, EPFL-STI-ISE-LRE, ELL 116, Station 11, CH-1015 Lausanne, Switzerland	05/16
0568-A New Approach to Transmission Congestion Cost Calculation	Anup Jana, Senior Manager, SCADA/EMS Applications Software, AREVA T&D	01/21
0569-Modeling, Analysis and Control of a Chain Cell Converter	A Kiran Kumar, Engineer, ITTIAM systems (P) Ltd, Bangalore, K R Padiyar, Emeritus professor, Department of Electrical Engineering, Indian Institute of Science, Bangalore.	09/20
0570-A Modified Heffron-Phillip's Model for the Design of Power System Stabilizers	Gurunath.G, and Indraneel Sen Department of Electrical Engineering, Indian Institute of Science, Bangalore, India,	02/15
0571-Solving Combinatorial Optimization Problem of Economic Load Dispatch Using Modified	Divya Gupta, and Sanjay K. Jain Electrical & Instrumentation Engineering Department,	01/22

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0572-Accurate Overcurrent Relay Algorithm using Fundamental Component	V. Jhanwar, and A. K. Pradhan, Member, IEEE Electrical Engineering Department, IIT Kharagpur	07/18
0577-Novel Sensitive Current Differential Protection of Transmission Line	Sanjay Dambhare, S. A. Soman, and M. C. Chandorkar, PowerAnser Lab, (C/o Prof. S. A. Soman), Department of Electrical Engineering, Indian Institute of Technology-Bombay, Mumbai, India-400076	07/27
0579-Intelligent System for Detecting Failures in the Switching of Isolators in Power Substations	Germano Lambert-Torres, Andre Colen Carrasco, Luiz Eduardo, Borges da Silva, and Maurílio Pereira Coutinho, Federal University at Itajuba, Av. BPS 1303, Pinheirinho, Itajuba, 37500-503, MG, Brazil, Demóstenes do E. Santo Júnior TermoPernambuco Power Plant - Iberdrola- Neoenergia Group, Recife, PE, Brazil	05/17
0586-Convert Low Frequency Energy from Wave Power Plant to High Frequency Energy in Linear Electrical Generator with Gas Springs	Ravindra.B.Ummaneni, Robert Nilssen, Norwegian University of science and technology, Electrical power engineering dept., O. S. Bragstads plass 2E, 7491,Trondheim, Norway, and J. E. Brennvall, Resonator AS, Trondheim, Norway	10/33
0598-Design and Realization of Controller in Wind Solar Hybrid Generating System	Fengge Zhang, Yuxin Wang, Quanfu Shi, and Erxin Shang, School of Electrical Engineering, Shenyang University of Technology, 110023, China	10/30
0603-Study on Method of Digital-Analog Hybrid Simulation for the Ultra-High Voltage Grid	Hu Tao, Yin Yong-hua, Jiang Wei-ping, Zhu Yi-ying, and Zhang Jin-hua China Electric Power Research Institute, Qinghe, Beijing, 100192 P.R. China	02/16



0609-Optimum Reactive Power Dispatch Using Differential Evolution for Improvement of Voltage Stability	K. Vaisakh, AU College of Engineering, Andhra University, VISAKHAPATNAM, AP, India, and P.Kanta Rao, SRKR College of Engg, Bhimavaram, W.G.Dist., AP, India	05/26
0610-Calculations of Electromagnetic Field and Thermal Problem in an Isolated Phase Bus by Using FE Model	Y. Li, N. Wang, J. Guo, Shenyang University of Technology, Shenyang, 110023, P.R.China, and S.L. Ho, The Hong Kong Polytechnic University, Hong Kong	12/15
0611-Differential Evolution based OPF with Conventional and Non-Conventional Cost Characteristics	K. Vaisakh, A U College of Engineering, Andhra University, VISAKHAPATNAM, AP, India, and L. R. Srinivas, SRKR College Of Engg, Bhimavaram, W.G.Dist., AP, India	01/33
0612-Numerical Analysis of Eddy Current Field in the Ascending Flange for the Bushings and Tank Wall of a Large Transformer	Y. Li, N. Wang, R.Y. Tang, Shenyang University of Technology, Shenyang, 110023, P.R.China, and S.L. Ho, The Hong Kong Polytechnic University, Hong Kong	12/16
0618-A Novel Web based Expert System Architecture for On-line and Off-line Fault Diagnosis and Control (FDC) of Power System Equipment	M. Babita Jain, Member, IEEE, M.B.Srinivas, Member, IEEE, and Amit Jain, Member, IEEE International Institute of Information Technology, Hyderabad, Andhra Pradesh, India	05/18
0623-Harmonic Analysis of Electromagnetic Transients in 500 kV Single Circuit Transmission System Using Discrete Wavelet Transform	C. Jaipradidtham, and S. Pasomkusolsil the Department of Electrical Engineering, Faculty of Engineering, Kasem Bundit University, Patanakarn Rd., Bangkok, Thailand 10250	09/21
0627-Dynamic Modeling of a Hybrid Energy Source Combined of PEM Fuel Cell and Ultracapacitor	S. M. T. Bathaee, and Mehdi Soltani Department of Electrical Engineering, K.N.Toosi, University of Technology, Tehran, 16317-14191, Iran	10/18
0632-Displacement Control of Piezoelectric Actuator using the PID Controller and System Identification Method	Baek-Ju Sung, Eun-Woong Lee, Member, IEEE, and In-Su Kim Korea Institute of Machinery & Materials	12/10

0636-Study on Novel Hybrid Type Power Amplifier for Magnetic Bearing	Zong Ming, Ba Li, and Wang Fengxiang the National Natural Science Foundation of China (50437010).	12/11
0642-Technical Development of the IEEE Guide for Visual Corona Testing of Insulator Assemblies and Line Hardware and its Application in the Testing of 765-kV Transmission Line Insulator Assemblies	J. Kuffel and Z. Li Kinectrics Inc, Toronto, Ontario, Canada, and B. Freimark and T. Rao American Electric Power, Columbus, Ohio, USA.	05/19
0649-Particle Swarm Optimization Based Approach to Maintenance Scheduling Using Levelized Risk Method	Dr. N. Kumarappan Department of Electrical Engineering, Annamalai university ,TamilNadu, India K. Suresh Department of Electrical Engineering, Sri Manakulavinayagar Engineering College, Pondicherry, India.	01/23
0655-Superiority of PSO Relay Coordination Algorithm over Non-Linear Programming - A Comparison, Review and Verification	D. Vijayakumar, and R.K. Nema Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal - 462051, M.P, India.	07/19
0657-A Novel Linear Feedback Control Strategy for Compensation of Voltage Flicker using Statcom	A. Ghodousi, and A. Jalilian Department of Electrical Engineering, Centre of Excellence for Power System Automation and Operation, Iran University of Science and Technology, Tehran, Iran	09/22
0659-Voltage Source Converter Based Multi Terminal DC Sub-transmission System for City Infeed	Vishal Verma, Member, IEEE, Lovely Goyal, and Bhim Singh, Senior Member, IEEE Department of Electrical Engineering, Delhi College of Engineering, Delhi, INDIA	08/10
0663-Modeling and Testing of Protection Relay IED	Mini S. Thomas, Senior Member, IEEE, Anupama Prakash, and Nizamuddin Department of Electrical Engineering, Jamia Millia Islamia, New Delhi, India	07/20

**List of papers expected to be presented (Additional)**

<b><u>Paper # - Title of Paper</u></b>	<b><u>Authors with Affiliation</u></b>	<b><u>Area/Presentation Serial #</u></b>
0014-A Step by Step Method for Z-loop Construction using Graph Theory and Topology for Power System under Faulted Studiesunder Faulted Studies	Oepomo Tedja (WLAC)	01/24
0017-Fast Bus Transfer Systems - A System Solution Approach	Amit Raje, Anil Raje, Aartech Solonics Limited E-2/57, Arera Colony, Bhopal, MP 462016 India, and Arvind Chaudhary (Cooper Power Systems, USA)	12/17
0018-Reactive Power and Voltage Control in Kerala Grid and Optimization of Control Variables Using Genetic Algorithm	P. Sreejaya, Dept. of Electrical Engineering, College of Engineering, Trivandrum, Kerala – 695 016, India, & Rejitha, Cognizant Technology Solutions, Chennai – 600 004, India.	05/20
0022-Mixed Heuristic and Genetic Algorithm for the Reactive Power Problem	B. Bhattacharyya, Electrical Engg, Indian School of Mines University, Dhanbad , and S.K. Goswami, Professor, Electrical Engg, Jadavpur University, Kolkata	05/21
0024-Forecasting Market Participant Behavior in Power Market	B. Kashanizadeh, Department of Energy, Saipadiesel Company, Tehran, Iran, Mehdi Ehsan and Mahmoud Fotuhi Firuzabad Department of Electrical Engineering, Sharif University, Tehran, Iran	04/16
0032-Tuning the Under Excitation Limiter based on Frequency Response in Large Power Station	S.Mohammad Tabatabaie, and Masoud Aliakbar Golkar, Electrical Engineering Department, K.N.Toosi University, Iran	02/17
0053-Experimental Development of a	Viren Sharma, Ankush Deshpande, Sanjeev	11/21

Microcontroller Based Enhanced Security System for Electric Vehicle	Ghorpade, Amit Jagtap, Y.V.Chavan, V.K. Sharma, Maharashtra Academy Engineering, Alandi, Pune, India	
0083-Design and simulation of optimum triggering scheme for a series switch in RF heating	H.K.Patel, Atman Shah, and Deep Shah, Instrumentation & Control Engg Dept, Institute of Technology, Nirma University, Ahmedabad	12/12
0087-Design of Optimal State Feedback Controller for AGC using Hybrid Stochastic Search	Omveer Singh, and D. Bhagwan Das , Faculty of Engineering, Dayalbagh Educational Institute, Postal Address: 4/60, Vidyut Nagar, Dayalbagh, Agra – 282 005	05/22
0088-A Novel Method to Estimate the O&M Costs for the Financial Planning of the Wind Power Projects Based on Wind Speed - A Case Study	D. R. Joshi, Student Member, IEEE, Electrical and Electronics Research Centre, and Suresh. H. Jangamashetti, Senior Member, IEEE, Department of Electrical and Electronics, Basaveshwar Engineering College, Bagalkot-587102, Karnataka, India	10/20
0104-Integrated Power and Energy Planning for India till AD2030 - Model and Analysis	C Radhakrishna, JNT University, Hyderabad, Flat # 101, Avanthi Apartments, Street No.8, Habsiguda, Hyderabad – 500 007, and John Arun Kumar, JNT University, Hyderabad, Flat # 112, Welcome Court Apartments, Opposite Railway Degree College, Tarnaka, Hyderabad – 500017	01/25
0113-Information Management System for Detecting Cascading Events	Chengzong Pang, Student Member, IEEE, , and Mladen Kezunovic, Fellow, IEEE, 323 WERC, Department of Electrical Engineering, 3128 Texas A&M University College Station, Texas 77843-3128, United States	06/04
0114-Control of Reduced Rating Dynamic Voltage Restorer with Battery Energy Storage System	Jayaprakash P, Center for Energy Studies, Bhim Singh, <i>Senior Member, IEEE</i> , Department of Electrical Engineering, and Kothari D P, Center	03/19

	for Energy Studies, Indian Institute of Technology, Delhi, New Delhi, India-110 016	
0126-Minimum Input Volt-Ampere Operation of Three-Phase Induction Motors	Haroon Ashfaq, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi, India, S.A. Nahvi, and M.S. Jamil Asghar, <i>Member, IEEE</i> , Department of Electrical Engineering, Aligarh Muslim University, Aligarh, India	11/23
0127-Power System Stability Improvement with Flexiable A.C. Transmission System (FACTS) Controller	Vasundhara Mahajan, Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, India,	03/20
0131-Power Vector Coordination of Socially Stable Multilateral Trades	Sudha Balagopalan, NITC / VAST, Thrissur, and S Ashok	04/17
0135-Analysis And Realization of SPWM And SVPWM Direct Torque Control Induction Motor Drive ( <i>No paper</i> )	J. G. Chaudhari, Student Member, IEEE, Electrical Engg. Dept., GHRCE, Nagpur, and M. V. Aware, Electrical Engg Dept., VNIT, Nagpur	11/24
0136-Area Based Mathematical Model For Harmonic Distortion	Surajit Chattopadhyay, Hooghly, West Bengal, India, PIN -712121, Samarjit Sengupta, and Madhuchhanda Mitra, Department of Applied Physics, University of Calcutta	09/23
0138-Distribution Feeder Restructuring for Better Voltage Regulation and Line Loss Reduction	L.Ramesh, Dr. M. G. R. University, Maduravoyal, Chennai, S.P.Chowdhury 'M, S.Chowdhury 'M, and A.A.Natarajan	08/11
0144-Flyback Power Supply EMI Signature and Suppression Techniques	Himanshu K. Patel, Institute of Technology, Nirma University of Science & Technology, Ahmedabad.	09/24
0162-Power Quality Categorisation and its Impact on Sensitive Electronic Equipment Using Fuzzy Systems	A. Naga Malleswara Rao, Dept.of Electrical & Electronics Engineering, Aurora's Scientific, Technological & Research Academy, Hyderabad	09/25

	– 500005, Ramesh Reddy, IEEE Member, Dept. of Electrical & Electronics Engineering, GNITS, Hyderabad- 500 008, B.V. Sanker Ram, Dept. of Electrical & Electronics Engineering, JNT University, Hyderabad-500 072	
0165-Upgrade Study of High Power Electronics Laboratory for $\pm 800$ kV UHVDC Valves	Zha Kunpeng, China EPRI, Beijing, China	03/22
0176-Maintaining System Integrity to Prevent Cascading Blackout	MENG Ding Zhong, Light Reach International Ltd. (Hong Kong), No.4-3-502, Gate 6, Guangze Rd., Wangjing, <100102>, Beijing	05/24
0177-Switch Mode Active Power Filter to Minimize the Effect of Harmonics Through Current Detection	P. Thirumoorthi, Kumaraguru College of Technology, Coimbatore, TN, India, and N.Yadaiah, JNTU College of Engineering, Anantpur, AP, India	09/26
0183-Pay-as-Used Concept for Congestion Costs Allocation in Electric Transmission Systems	Joao Odilon F. Silva, Pablo C. Franco, Brazilian National Independent System Operator – ONS, SQS 307, Bloco D, Apt. 602, Brasilia – DF, Brazil, ZIP Code 70354-040, University of Brasilia – UnB	04/18
0184-Calculation of Available Transfer Capability	K. Narasimha Rao, K. Kiran Kumar, J. Amarnath, S. Kamakshaiiah	01/26
0189-Neural Network Based Selective and Controlled Active Harmonic Filtering in Single Phase System	Pukhraj Singh, EMCO Limited, Thane, India, Shilpee Sareen, Anil Vohra: Electronics Science Department, Kurukshetra University, India, and M.K. Pradhan. R&D, EMCO Limited, Plot # F-5, Road No. 28, Wagle Industrial Estate, Thane-400 604. (India)	09/27
0207-Determination of the Impact of Load	N.D.Ghawghawe1, <i>Student Member IEEE</i> , and	04/19

Variations on Generator Participations	K.L.Thakre, Department of Electrical Engg. Visvesvaraya National Institute of Technology Nagpur (M.S.), India	
0209-A New DSP Based Controller for Single Phase self Excited Induction Generator	D. K. Palwalia, and S. P. Singh, Dept. of Electrical Engineering, Indian Institute of Technology Roorkee, Uttrakhand-247667, India	11/25
0218-Passive and Active Model For Harmonics in an Induction Motor	S. Chattopadhyay, Hooghly Engineering and Technology College, Hooghly, West Bengal-712103, S. Sengupta, Member IEEE, M. Mitra, Department of Applied Physics, University of Calcutta, Kolkata-700009	09/28
0221-Development of an Intelligent System for Short-Term Electrical Power Load Forecasting in Maharashtra State	Sanjay M. Kelo, Member, IEEE , Prof. Ram Meghe Institute of technology & Research, Badnera, Amravati, Ganapati nagar, near st. francis high school, M.I.D.C. Road Amravati, 444607, and Sanjay V. Dudul, Member, IEEE, Vishvakarma Institute of Information technology, Pune	01/27
0234-Optimal Reactive Power Dispatch Incorporating Voltage Stability in a Competitive Ancillary Service Market	M. Hamidi, Azad University of Saveh, Saveh	04/20
0238-Fuzzy Logic Rules Coordinated With Asymmetric Dynamic Compensation to Enhance the Unbalance Voltage	Belkacem Mahdad, and Kamel Srairi, University of Biskra / Department of Electrical Engineering, Biskra (07000), Algeria, and Tarek Bouktir , Oum El Bouaghi / Department of Electrical Engineering, Oum El Bouaghi, 04000, Algeria	03/23
0244-A Large-scale Fault Diagnosis And Analysis System Based On The Complex Event Processing Technology	Ziguan Zhou*, Xiaomin Bai, Wei Zhao, Jian Ding, Zaihua Li,Zhu Fang, China Electric Power Research Institute, Beijing, 100085, China	07/23

0267-Novel Maximum Power Point Tracking Controller for Wind Turbine Driven Permanent Magnet Synchronous Generator	R.Bharanikumar, EEE Dept., and S.Palanichamy, ECE Dept., Bannari Amman Institute of Technology, Sathyamangalam, Erode Dt., Tamil Nadu – 638 401	10/21
0268-FPGA Controller based Z - Source inverter for wind turbine driven Permanent Magnet Generator	R.Bharanikumar, EEE Dept, S. Palanichamy, ECE Dept., R. Senthilkumar, EEE Dept., & H. Mohideen Mandri, ECE Dept., Bannari Amman Institute of Technology, Sathyamangalam, Erode Dt., Tamil Nadu – 638 401	10/32
0271-Dynamic State Estimation of Power System Harmonics	Pooja Toki, Ashwani Kumar Chandel, EED, NIT Hamirpur HP 177005 INDIA	09/29
0272-Power Sector Reforms in India: A Case Study ( <i>No paper</i> )	O. P. Rahi, Harish Kumar Thakur, and K. Chandel, Electrical Engineeringg. Department, NIT Hamirpur (HP) 177 005 INDIA	04/21
0279-Forecasting River Flow Rate into a Dam after Peak Rainfalls by Using Estimated Recession Time Constant	Katsuhiro Ichianagi, Yasuyuki Hibino, Katsunori Mizuno, Hiroyuki Nakano, Kazuto Yukita, Yasuyuki Goto, Department of Electric and Electronics Engineering, Department of Applied Information Science, Aichi Institute of Technology, 1247 Yachigusa, Yakusa-cho, Toyota, Aichi 470-0392, Japan, Fujihiro Yamada, Nobuyuki Yamamoto, Shigeyuki Sugimoto, Electric Power R & D Center, Chubu Electric Power Co., Inc., 201, Kitasekiyama, Ohodaka-cho, Midori-ku, Nagoya, 459-8522, Japan	01/28



0285-Simulation of Wind Power Impact on DFIG Turbine Connected to Utility Grid + 0286-Interfacing Offshore Wind Farms to AC Grid Systems Using Neuro-Fuzzy Logic Based PWM VCVSI	Lata Gidwani, Department of Electrical Engineering, Engineering College Ajmer, Ajmer, India, and Rajesh Kumar, Department of Electrical Engineering, Malaviya National Institute of Technology, Jaipur, India 302017	10/22
0296-A Comprehensive Micro Controller for SVC with Capacitor Bank in Binary Sequential Steps Minimizing TCR Capacity	U. Gudar, Satsanga, Govt. Coloney, Vishrambag, Sangli-416415, Maharashtra, and D R Patil, Dept of electrical Engg., Walchand College of Engg., Sangli, 416415, Maharashtra	03/24
0309-Enhancement of Voltage Security Margin Accounting Uncertainty using RBF Network	Ms R Singh, L. S. Titare, Dept. of Electrical Engg., Govt. Engg. College, Jabalpur (M.P.), and L. D. Arya, Dept. of Electrical Engg., 23, Park Road, SGSITS, Indore, (M.P)	06/06
0317-Impact of Phase Shifting Transformers in New Zealand Electricity Market ( <i>No paper</i> )	Ms. Nipuni A Senaviratne, Nirmal-Kumar C Nair, Department of Electrical and Computer Engineering, University of Auckland, NZ, Bhujanga Chakrabarti, and Doug Goodwin, 2Transpower NZ Limited, PO Box 1021, Wellington, NZ	04/26
0378-Study on the fast voltage compensation for single-phase DVR Considering the Voltage Sensitivity Curve	Zhou Jing, Zhou Hui, and Qi Zhi-ping, Institute of Electrical Engineering, Chinese Academy of Sciences, Bei-jing 100080, China	03/25
0401-A Review of Power System Dynamic State Estimation Techniques	Shivakumar N.R., Student Member, IEEE and Amit Jain, Member, IEEE, IIIT, Hyderabad	06/07
0404-Comparative Study of System-Wide Reliability-Constrained Generation Expansion with Unit Availability Considerations	Panida Jirutitjaroen, Student Member IEEE and Chanan Singh, Fellow IEEE, ECE Dept, Texas A & M University, TX, USA	01/30
0417-System Level Dynamic Modeling of a PEM Fuel Cell	P.Srinivasa Raju, SVECW, K.V.Sharma, V V N R Prasadar, Energy Studies JNTU, Hyderabad, Raju Pathapati, Bio-Medical, BVRIT, B.J.J.Raju,	10/24

	Department of EEE, SVECW	
0429-A Simplified Control Strategy for Switch Mode Rectifier with Improved Power Factor & High Quality Input Waveforms	P.K.Gujarathi, Army Institute of Technology, Digi Hills, Alandi Road, Pune-411001, Maharashtra, India, and M.V.Aware, V.N.I.T, Nagpur, Maharashtra, INDIA	09/30
0435-New power supply system with distributed generators (DGs)	Takashi TAKEDA, Keiichi HIROSE, NTT Facilities, INC. 2-13-1 Kitaotsuka Toshima-ku Tokyo, 170-0004, Japan, Yoshiaki Okui, 1st Design Dept. Power System Div. Technology Center, SANYO DENKI CO.,LTD. 812-3, Shimonogou Ueda-shi, Nagano,386-1211, Japan, Kazuto YUKITA, Katsuhiko ICHIYANAGI, Department of Electrical Engineering, Aichi Institute of Technology, 1247 Yachigusa, Yagusa, Toyota, 470-0392, Japan	10/25
0436-Suppression of Power Variation for PV using Flywheel	Kazuto YUKITA, Department of Electrical Engineering, Aichi Institute of Technology, 1247 Yachigusa, Yagusa, Toyota, 470-0392, Japan Takuya OTA, Yasuyuki GOTO, Katsuhiko ICHIYANAGI, Masayuki YODA Takashi TAKEDA, Keiichi, NTT Facilities, INC. 2-13-1 Kitaotsuka Toshima-ku Tokyo, 170-0004, Japan	10/26
0453-Application Of UPFC For Optimal Power Flow In SISTAN Power Network	Mohsen Etemad, Payam Ghaffari, Mustafa Sedigh Zadeh	03/27
0455-Modeling for Frequency Control Analysis of Power System with a Large Penetration of Wind Power Generation by a Lot of Controllable Heat Pump Systems and Battery Systems	Hiroshi Irie, and Akihiko Yokoyama, <i>Member, IEEE</i> , Department of Electrical Engineering, the University of Tokyo, Tokyo, Japan	10/27
0456-Voltage Stability Analysis Considering Dynamic Characteristic of induction motor loads	Long Zhijun, & Deng Changhong, School of Electrical Engineering, Wuhan University, Wuhan, 430072, P. R. China	02/19

0476-Evaluation of Current-Carrying Capacity of Copper-Cladding Steel Messenger Wire for Electric Railway	Chang-Young Lee, S.T. Kwon, S.H. Chang, S.K. Baek, J. Kim, Korea Railroad Research Institute, 360-1, Woram-dong, Uiwang-city, Gyeonggi-do, Korea	12/13
0519-Non-Uniform Voltage Distribution in Stator Winding of PWM fed AC Drives	B.Basavaraja, <i>Member, IEEE</i> , SR Engineering College, Warangal, and D.V.S.S. Siva Sarma, <i>Member, IEEE</i> , National Institute of Technology, Warangal	11/28
0523-A Case Study on Lightning Performance Estimation of 11 kV Wood-Pole Overhead Line	S Venkatesan, N Harid, H Griffiths, and A Haddad, High Voltage Energy Systems Group, School of Engineering, Cardiff University The Parade Cardiff CF24 3AA	08/13
0530-Reactive Power Determination and Cost Allocation in Deregulated Electricity Market	B. V. Vibhute, H. P. Inamdar, M D Takale, and S A Deokar	04/22
0538-GA Optimized Distribution Static Compensator for Load Compensation	Deepika Masand, Shailendra Jain, and Gayatri Agnihotri, Maulana Azad National Institute of Technology, Bhopal, M. P., INDIA	03/29
0540-Techno-Economical Design of An Autonomous Photovoltaic-Wind Hybrid Energy System	S. C .Gupta, Y. Kumar, and Gayatri Agnihotri, Department of Electrical Engineering, Maulana Azad National Institute of Technology (MANIT), Bhopal (M.P.), 460007	02/20
0549-Distribution System Optimum Meter Placement –A Comparative Qualitative and Genetic Approach	L.Ramesh, S.P.Chowdhury, <i>Fellow, IEEE</i> , S.Chowdhury, and A.A.Natarajan	04/23
0567-Development of a Control Method for a Renewable Energy system with Fuel Cell	Kodjo Agbossou, Senior Member IEEE, Institut de recherche sur l'hydrogène Université du Québec à Trois-Rivières, PO Box 500, Trois-Rivières, Québec, G9A 5H7 Canada, Alexis Bilodeau, <i>Student Member IEEE</i> , and Mamadou	10/28

	Doumbia, <i>Member IEEE</i>	
0576-Digital Relay Performance During Power System Disturbances	S.M. El Safty, Faculty of Engineering, Arab Academy for Science and Technology, Egypt 034279393, Eng. M. El Nady, S. F. Mekhemer, and M. M. Mansour, Faculty Of Engineering Ain Shams University, Egypt	07/26
0585-Dynamic Modeling and Control of Wind Driven DFIG with Neural Network based Power Tracking Characteristics	Debomita Ghosh, T. Ghose, A. Kishore, Department of Electrical & Electronics Engineering, Birla Institute of Technology Mesra, India, and I. Elrich, University of Duisburg-Essen, Germany	10/29
0597-Study on a New Type of Permanent Magnet Claw Pole Motor with Outer Rotor	Fengge Zhang, and Yue Zhang, Department of Electrical Engineering, Shenyang University of Technology, China 110023	11/30
0601-Improved DTC-SVM Method For Matrix Converter Drives With Torque Ripple Reduction Using Genetic Algorithm	Mahmood Shahbazi, J.S.Moghani, and S.M.Mirtalaei, Amirkabir University of Technology, Iran	09/31
0606-A Study of Pole Top Fires on 22kV Wood Pole Power Lines in Kwazulu-Natal ( <i>No paper</i> )	Ajith Koowarlall Persadh, and A.C. Britten, Electrical Engineering Dept., University of KwaZulu – Natal, South Africa	08/15
0613-Solution of Bidding Strategy in Constrained and Unconstrained Environment	Stuti Shukla, and T. Ghose, Department of Electrical and Electronics Engineering, BIT Mesra, Ranchi	04/24
0616-Considering the Torsional Frequencies of an Actual Constant Speed Wind Turbine to Prevent of SSR Phenomena	Saeed Jalilzadeh, Iman Dehestani, and Meisam Mahdavi, Zanjan University, Iran	10/31
0634-Options for Strengthening India's National Power Grid Using the Purdue Long-Term, Least Cost, Generation and Transmission Model	Brian H. Bowen, Devendra Canchi, Paul V. Preckel, F.T. Sparrow, Energy Center at Discovery Park, Purdue University, West Lafayette, IN47907, USA	01/34

0638-A Novel method for Identifying and Quantifying Non Linearities for Achieving Power Quality	D. Seshi Reddy, Koneru Lakshmaiah College of Engineering, and K. Ramesh Reddy, G Narayamma institute of Technology and Science	09/32
0640-Hybrid Genetic Algorithm Based Optimal Location of FACTS Devices in a Power System Network	J. Baskaran, Sri Manakula Vinayagar Engg., C. Sharmeela, and V. Palanisamy, Government College of Technology, Coimbatore	03/30
0641-An Efficient Neuro-Wavelet Control Strategy for Achieving Power Quality	S.N.V Ganesh, Koneru Lakshmaiah College of Engineering, K. Ramesh Reddy, G Narayamma institute of Technology and Science, and K. Shankar Ram, JNTU, Hyderabad	09/33
0645-Pricing Financial Transmission Rights	Devendra Canchi, and Paul V. Preckel, Energy Center at Discovery Park, Purdue University, West Lafayette, IN 47907, USA	04/25
0653-Particle Swarm Optimization Approach with local search for Non convex Economic Dispatch	B. K. Panigrahi <i>Senior Member, IEEE</i> , V. Ravikumar Pandi, Department of Electrical Engineering, IIT, New Delhi, India – 110016, and Sanjoy Das, Department of Electrical and Computer Engineering, Kansas State University, Kansas, USA	05/27
0654-On – Line Measurement of Voltage – Sag Magnitude and Phase Jump due to Short circuits in Distribution System	B. K. Panigrahi <i>Senior Member, IEEE</i> , V. Ravikumar Pandi, Department of Electrical Engineering, IIT, New Delhi, India – 110016, S. K. Sinha, and H.C. Rai, National Power Training Institute, Badarpur, New Delhi, India	08/14
0661-Battery Energy Storage System Based Power Conditioner for Improved Performance of Hybrid Power Generation	Ravinder Singh Bhatia, Electrical Engg. Department, N I T Kurukshetra, Kurukshetra-136119, India, Bhim Singh, Electrical Engg. Department, I I T Delhi, New Delhi- 110016,	10/34

	India, Dinesh Kumar Jain, Electrical Engg. Department, C.R. State College of Engg, Murthal, India, and S. P. Jain, Electrical Engg. Department, N I T Kurukshetra, Kurukshetra – 136119, India	
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**List of papers expected to be presented (Missing)**

0206-Modeling of Power System Embedded With Thyristor Controlled Resistive Brake and Static Reactive Power Compensator for Small Signal Stability Investigation ( <i>No paper</i> )	Balwinder Singh Surjan, <i>Member, IEEE</i> , and Gurnam Singh, <i>Senior Member, IEEE</i> , Punjab Engineering College (DU), Chandigarh-160012 (INDIA)	02/22
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