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502	<i>Analysis of the Impact of Distributed Generation in the Location of Faults in Power Distribution Systems</i> J. Faig(1), J. Melendez(1), S. Herraiz(1), J. Sánchez(2) (1) Institut d'Informàtica i Aplicacions (IliA). University of Girona. Spain (2) ENDESA Distribución. Barcelona. Spain
503	<i>Voltage Disturbances and Inrush Current of DC Power Supplies</i> Adam. J. Collin , Saša Ž. Djokić Institute for Energy Systems.The University of Edinburgh. United Kingdom
505	<i>Power Quality in Grid connected Renewable Energy Systems: Role of Custom Power Devices</i> Shafiuzzaman Khan Khadem, Michael Conlon Electric Power Research Group.School of Electrical Engineering Systems, Dublin Institute of Technology. Ireland
506	<i>Finite element analysis of an eddy currents heater for wind or water kinetic energy conversion into heat</i> O. Nebi, V. Fireșteanu EPM_NM Laboratory. Politehnica University of Bucharest. România
507	<i>Simulation of Integration of Distributed Generation into Power System Control</i> Dániel Divényi, Dr. András Dán Power System and Environment Group, Department of Electric Power Engineering. Budapest University of Technology and Economics.Hungary
509	<i>Development of an Installation to Reduce the Temperature Photovoltaic Modules and Improve Efficiency</i> R. Mazon Hernandez, J.R. Garcia Cascales, F. Vera Garcia, A. Sanchez Kaiser, B. Zamora Parra Thermal and Fluid Engineering Department, Technical University of Cartagena. Murcia. Spain
510	<i>Design and Fabrication of Piezoresistive Strain-Gauges for Harsh Environment Applications</i> P. Kulha, A. Boura, M. Husak Department of Microelectronics. Czech Technical University. Prague. Czech Republic
511	<i>New solar angles and their corresponding tracking systems efficiency</i> M. Vătăsescu, I. Vișa, D. Diaconescu, I. Hermenean, N. Creangă, D. Tohoneyanu Department of Product Design for Sustainable Development Transilvania University of Brasov. România
520	<i>Technical feasibility study for a solar energy system at Amsterdam Airport Schiphol (AAS)</i> P.N.J.W. Janssen (1,2), J.M.A. Myrzik (1) ,W.L. Kling (1), L. Reinders (2) (1) Department of Electrical Engineering Technical University Eindhoven. The Netherlands (2) Schiphol Group .Amsterdam Airport Schiphol. The Netherlands

522	<p>Results of an experimental study of a solar cooling system in Jaén using single effect lithium bromide absorption chiller</p> <p>A. Gómez Moreno (1), P.J. Casanova Peláez (2), F.A. Díaz Garrido (1), J.M. Palomar Carnicero (1) R. López García (1), F. Cruz Peragón (1)</p> <p>(1) Department of Mechanics and Mining Engineering. E.P.S. of Jaén University. Spain</p> <p>(2) Department of Electronic Engineering. E.P.S. of Jaén University.Spain</p>
523	<p>Response fitting in low-cost radiation sensors</p> <p>A. Gómez Moreno (1), P.J. Casanova Peláez (2), F.A. Díaz Garrido (1), J.M. Palomar Carnicero (1) R. López García (1), F. Cruz Peragón (1)</p> <p>(1) Department of Mechanics and Mining Engineering. E.P.S. of Jaén University. Spain</p> <p>(2) Department of Electronic Engineering. E.P.S. of Jaén University.Spain</p>
525	<p>Simulation of a solar cooling system.</p> <p>A. Gómez Moreno, J.M. Palomar Carnicero, F. Cruz Peragón</p> <p>Department of Mechanics and Mining Engineering. E.P.S. of Jaén. Spain</p>
528	<p>Polymer Based Piezoelectric Energy Microgenerator</p> <p>V. Janicek, M. Husak</p> <p>Department od Microelectronics, FEE CTU, Prague. Czech Republic</p>
529	<p>Influence of electrical phenomena on the drive train of wind power plants</p> <p>D. Turschner (1), R. Hesse (2), B. Musasa (1)</p> <p>(1) Institute of Electrical Power Engineering - Clausthal University of Technology. Germany</p> <p>(2) IEHW Ingenieurbüro Elektrotechnik Wernigerode. Germany</p>
530	<p>Feasibility study of establishing a PV power plant to generate electricity in Saudi Arabia from technical, geographical and economical viewpoints</p> <p>E. Al-Ammar (1,2), A. Al-Aotabi (3)</p> <p>(1) Sustainable Energy Technology Innovation Program (SETIP)</p> <p>(2) Department of Electrical Engineering. King Saud University Riyadh Saudi Arabia</p> <p>(3) Saudi Electricity Company Riyadh. Saudi Arabia</p>
533	<p>Simulation of Photovoltaic Generators and Comparison of two common Maximun Power Point Trackers</p> <p>Abdallah Zegaoui (1,2), Pierre Petit (1,3), Jean Paul Sawicki (1,3), Jean Pierre Charles (1), Michel Aillerie (1), M. Della Krachai (4) A.O.Belarbi (4)</p> <p>(1) LMOPS.University Paul Verlaine of Metz and Supélec. France.</p> <p>(2) University Hassiba Ben Bouali. Algeria</p> <p>(3) LMOPS, University Paul Verlaine of Metz and Supélec, IUT of Thionville Yutz. France</p> <p>(4) University of Technological Sciences of Oran. Algeria</p>
535	<p>Off-grid PV system to supply a rural scholl on DC network</p> <p>Freitas, A. A. (1), Daher, S. (1), Antunes, F.(1), Ximenes, S (1), Cruz, C (1) Sá Jr, E.(2), Silva, F. S. (3)</p> <p>(1) Electric Engineering Department. Universidade Federal do Ceará Fortaleza/CE. Brasil</p> <p>(2) IFCE – Instituto Federal de Educação, Ciência e Tecnologia do Ceará. Brasil</p> <p>(3) IFPI – Instituto Federal de Educação, Ciência e Tecnologia do Piauí. Brasil</p>

536	<i>A Computational Tool for Simulation an Design of Multilevel Inverters</i> A. Samuel Jó de Mesquita, B. Fernando Luiz Marcelo Antunes , C. Sérgio Daher, C. Marins, Oliveira Jr, D. Federal University of Ceará. Electrical Engineering Department. Brasil
538	<i>Comparison of different solutions for blocking diode applications in a photovoltaic panel under varying ambient conditions</i> H.C. Neitzert (1), A. Astone (1,2) (1) Department of Electrical Engineering. DIIIIE, Salerno University. Italy (2) Telefon Italia Mobile (TIM). Trieste. Italy
541	<i>Gasification of Cake of Coconut Macaúba, of Firewood of Eucalyptus and Coal Plant Fruit for Dehydration</i> Santos Filho, Jaime dos (1); Silva, Jadir Nogueira da (2); Souza, Durval de Almeida (1,3) ; Grisi, Edson Fraga (3); Costa, Carlos André da (2) (1) Instituto Federal da Bahia. Brasil (2) Universidade Federal de Viçosa. (3) University of Zaragoza. Department Engineering Electric. Spain
543	<i>Integrated use of Renewable Energy for Sustainable Development to contribute to two Rural Communities of Chiapas</i> Neín Farrera (1,3), Pascual López (1), Joel Moreira (2), Joel Pantoja (2), P. J. Sebastián (4) (1) DES de Ingeniería, Universidad de Ciencias y Artes de Chiapas. México (2) Universidad Politécnica de Chiapas. México (3) Universidad del Valle de México. Chiapas. México (4) Universidad Nacional Autónoma de México. México
546	<i>Integration of PV systems into low voltage networks using standard load profiles</i> M. Eisenreich (1), G. Balzer (1), J. Backes (2), B. Maurer (2) (1) Technische Universität Darmstadt. Institute of Electrical Power Systems. Darmstadt .Germany (2) EnBW Regional AG. Stuttgart. Germany
547	<i>Towards Low-Cost Manufacturing of Organic Solar Cells: Multi Criteria Assessment of Fabrication Technologies</i> Nieves Espinosa, Rafael García Valverde, M. Socorro García Cascales, Antonio Urbina Departamento de Electrónica, Tecnología de Computadores y Proyectos. Universidad Politécnica de Cartagena. Murcia. Spain
549	<i>Data Driven Model for a Fuel Cell stack development in a complex Multi-source Hybrid Renewable Energy System</i> G. Napoli, M. Ferraro, G. Brunaccini, G. Dispenza, V. Antonucci CNR-ITAE, Consiglio Nazionale delle Ricerche - Istituto di Tecnologie Avanzate per l'Energia "Nicola Giordano". Messina. Italy
551	<i>Interconnection of a Photovoltaic Generator (PVG) to a Main Supply: A Practical Study</i> Maamar Taleb University of Bahrain. Department of Electrical and Electronics Engineering. Bahrain
555	<i>Investigation of Power Quality in Health Care Facility</i> Rusdy Hartungi, Liben Jiang School of Built and Natural Environment. University of Central Lancashire. United Kingdom

559	<i>Short-Term Hydro Scheduling considering Risk Aversion in a MINLP Approach</i> J.P.S. Catalão (1), H.M.I. Pousinho (1), V.M.F. Mendes (2) (1) Department of Electromechanical Engineering University of Beira Interior. Covilhã. Portugal (2) Department of Electrical Engineering and Automation. Instituto Superior de Engenharia de Lisboa. Portugal
560	<i>Early Detection of Voltage Instability in Distribution System utilizing Phasor Measurement Units</i> A. Noha H. El-Amary, B. S. El Safty Department of Electrical and Computer Control Engineering. College of Engineering. Arab Academy for Science and Maritime Transport (AASTMT). Egypt
563	<i>Renewable energy plants: environmental compatibility and external costs assessment at global, regional and local scale</i> E. Brizio (1), G. Genon (2), F. Becchis (3), D. Russolillo(3) (1) Environmental Protection Agency of Piedmont. Cuneo. Italy (2) Department DITAG, Politecnico di Torino. Italy (3) Fondazione per l'Ambiente "T. Fenoglio". Politecnico di Torino and Università del Piemonte Orientale. Italy
564	<i>Propagation of voltage sags in industrial power networks</i> A. Ortiz (2), L.M. Muñiz (1), M. Mañana (2), F. Ortiz (2), F. Delgado (2), A. Arroyo (2) (1) Automatización y Tecnologías Industriales y Medioambientales S.L. Cartes. Spain (2) Department of Electrical and Energy Engineering. E.T.S.I.I. Cantabria University. Spain
565	<i>Comparative Study of Two Cogeneration Systems based on Energy Recovery of Fumes from a Casting Process</i> M. Fernandez (1), Carlos J Renedo (1), J. García (2), S. Pérez (1), I. Fernández (1), M. Mañana (1) (1) Department of Electrical and Energy Engineering of the University of Cantabria. Spain (2) NISSAN MOTOR IBERICA, S.A. Cantabria. Spain
569	<i>Effects of Time Delays on the Behavior of a Centralized Control System for Providing System Ancillary Services in an Active Distribution Network</i> R. Angelino(1), A. Bracale(2), G. Carpinelli(1), M. Mangoni(1), D. Proto(1) (1) Department of Electrical Engineering. University of Napoli Federico III. Italy (2) Department for Technologies. University Parthenope of Napoli. Italy
570	<i>Dynamic Behaviour of an Hybrid Wind – Fuel Cell Generation System: Active and Reactive Power Control</i> J.J. Ugartemendia (1), X. Ostolaza (2), , I. Zubia (1), A. Olano (1) (1) Department of Electrical Engineering of the University of The Basque Country. Spain (2) Department of Systems Engineering & Control of The University of the Basque Country. Spain

572	<i>Power Limitation at High Wind Speeds for a Variable Speed Fixed Pitch Wind Turbine Using Closed-Loop Scalar Control</i> N.Rosmin , S.J.Watson , M.Tompson Centre of Renewable Energy System Technology (CREST) Department of Electronics and Electrical Engineering. Loughborough University. United Kingdom
575	<i>The role of the dc-bus in voltage sags experienced by three-phase adjustable-speed drives</i> Mañana, M, Muñiz, L.M, Ortiz, A, Aranda R, Arroyo A, Delgado F. Department of Electrical Engineering. E.T.S.I.I.T. University of Cantabria. Spain
580	<i>Energy Efficiency in Data Processing Centers</i> Carlos Redondo Gil Castille and León Technological Center for Supercomputing (FCSC) Edificio CRAI-TIC. León. Spain Electrical Engineering & Systems Engineering and Automatic Control Department. Faculty of Industrial and Computer Engineering. University of León. Spain
583	<i>Power Quality aspects of Smart Grids</i> Math Bollen (1,2), Jin Zhong (3), Francisc Zavoda (4), Jan Meyer (5), Alex McEachern (6), Felipe Córcoles López (1) STRI AB.Sweden (2) Luleå University of Technology . Skellefteå, Sweden (3) University of Hong Kong (4) IREQ. Québec.Canada (5) Technische Universität Dresden. Germany (6) Power Stands Labs. San Francisco. USA (7) Politechnical University of Catalonia. Spain
585	<i>Testing the Influence of the Quality of the Supply Voltage on the Performance of a Numerical Relay</i> Ruth P.S. Leão (1) , Ana L.Colaço (2), Nelber X. Melo (1), Janaína A. Almada (1), Robson A. Azevedo (1), Raimundo F.Sampaio (1), Giovanni C. Barbosa (1),Giordane Silveira (2) (1) Department of Electrical Engineering – DEE. Federal University of Ceará. Brazil (2) Energy Company of Ceará. COELCE. Brazil
589	<i>Integration of Renewable Generation into the Portuguese Power System: The Impact of Different Hydrological Regimes</i> Sérgio Faias (1), Jorge Sousa (1), Rui Castro (2) (1) Instituto Superior de Engenharia de Lisboa, DEEA/ISEL. Portugal (2) Instituto Superior Técnico / Technical University of Lisbon, IST/TUL Portugal
590	<i>Decentralised Energy Management System to Virtual Power Plants</i> J.A. Barbosa, R.P.S. Leão, C.F.P. Lima ,M.C. O. Rego Department of Electrical Engineering. Federal University of Ceará. Brazil
591	<i>Three Phase Grid Connected Photovoltaic System with Active and Reactive Power Control Using “Instantaneous Reactive Power Theory”</i> G. Adamidis,G. Tsenngenes, K. Kelesidis Department of Electrical Engineering and Computer Engineering. Democritus University of Thrace.Greece
594	<i>A study on the improvement of portable fuel cell fan</i>

	Joo-Han Kim(1), Jung-Moo Seo(1), In Sung Chung(1), Nahm-Keon Hur(2) (1) Korea Electronics Technology Institute (KETI). Korea (2) Sogang University, Department of Mechanical Engineering. Korea
596	<i>Contribution to the evaluation of the illuminated solar cells parameters</i> K. Bouzidi (1), M. Chegaar (1), M. Aillerie (2), J. P. Charles (2) (1) L.O.C, Physics Department, Ferhat Abbas University.Sétif, Algeria (2) LMOPS, Université Paul Verlaine Metz & Supelec. France
597	<i>Optimal Design of Trigeneration and District Energy in the Presence of Energy Storage</i> S. Bruno, S. Lamonaca, M. La Scala, U. Stecchi Dipartimento di Elettrotecnica ed Elettronica. Politecnico di Bari. Italy
598	<i>Design of a Microcontroller Based Automated Pyranometer</i> M. Laghrouche A.Attaf, R. Ziani, S, Ameer Mouloud Mammeri Universit./Department of Electronics. Tizi-Ouzou. Algeria
599	<i>Photovoltaic system behaviour with different loads</i> Campayo Martín, J.J. (1), Ramos Hernanz, J.A. (1), Zamora Belver, I. (1) Larrañaga Lesaka, J. (2), Zulueta Guerrero, E. (3), Motrico Gogeaskoetxea, J. (1) (1)Department of Electrical Engineering. University of The Basque Country. Spain (2) Department of Management and Production Engineering University of The Basque Country. Spain (3) Department of Systems Engineering and Automatic. University of The Basque Country. Spain
601	<i>Energy storage systems for wind power application</i> Raúl Sarrias (1) , Luis M. Fernández (1), Carlos A. García(1), Francisco Jurado (2) (1) Department of Electrical Engineering. University of Cadiz.EPS Algeciras. Spain (2) Department of Electrical Engineering. University of Jaen. EPS Linares. Spain
603	<i>A review of linear advanced current control techniques for grid connected PV inverters</i> Javier Monreal, Ignacio Benítez, Laura Moreno , Andrés Lluna, Inma Díaz Department of Capital Goods and Automation. Instituto Tecnológico de la Energía (ITE). Valencia. Spain
604	<i>Biomass for energy production characteristics, amount an distribution in Latvia</i> Janis Kalnacs (1), Andis Lazdinsh (2) (1) State Research Institute "Institute of Physical Energetics", Riga. Latvia (2) Latvian State Forestry Research Institute "Silava" Riga. Latvia
607	<i>A New Solution for Maintenance Scheduling of Distributed Generations based on Monte-Carlo Simulation and Game Theory</i> M. Manbachi (1), A.H. Parsaeifard (1), M.R. Haghifam (2) (1) Department of Electrical Engineering. Islamic Azad University. Tehran.Iran (2) Department of Electrical Engineering.Tarbiat Modares University Tehran. Iran

608	<p><i>Optimization Analysis of Multiple Steam Turbines and Condensers in Paper Mill Power Plant</i> Jinsong Tao (1), Huanbin Liu (1), Jigeng Li (1), Yongjun Yin (1), Yanming Zhou (1) Jingjia Jia (2) (1) State Key Laboratory of Pulp and Paper Engineering, South China University of Technology, Tianhe. Guangzhou.China (2) Gold East Paper Jiangsu Dagang. ZhenJiang.China</p>
609	<p><i>Optimization of Direct Power Control of Three-Phase Active Rectifiers by using Multiple Switching Tables</i> J.G. Norriella, J.M. Cano, G.A. Orcajo, C.H. Rojas, J.F. Pedrayes, M.F. Cabanas, M.G. Melero University of Oviedo. Department of Electric Engineering. Gijón. Spain</p>
612	<p><i>Probabilistic energy storage sizing for reducing wind power forecast uncertainty</i> H. Bludszuweit (1), J.A. Domínguez (2) (1) Electrical Engineering Division. CIRCE Foundation. Spain (2) Department of Electrical Engineering. University of Zaragoza. Spain</p>
613	<p><i>Virtual Power System: Novel approach for Distributed Generation and Consumption Coordination</i> E. Cagno (1), F. Castelli Dezza (2), M. Delfanti (3), M. Merlo (3), A.Trianni(1) (1) Department of Management, Economics and Industrial Engineering. Politecnico di Milano. Italy (2) Department of Mechanical Engineering.Politecnico di Milano. Italy (3) Energy Department. Politecnico di Milano. Italy</p>
614	<p><i>Integrating Wind Energy into Weak Power Grid Using Fuzzy Controlled TSC Compensator</i> Mohamed A. El-Sayed Utilities Engineering. University of Trinidad and Tobago</p>
615	<p><i>Use of Energy Storage for Leveling Wind Generation – a Parametric Approach Concerning the Capacity of the Storage</i> Bálint Hartmann András Dán Department of Electric Power Engineering. Budapest University of Technology and Economics. Hungary</p>
616	<p><i>Optimal Placement and Sizing of DG for Loss Recuction, Voltage Profile Improvement and Voltage Sag Mitigation</i> S. M. Farashbashi-Astaneh (1,2), A. Dastfan (1) (1) Department of Electrical and Robotic Engineering Shahrood University of Technology. Iran (2) Khorasan Regional Electric Company. Mashad. Iran</p>
618	<p><i>Hybrid Power Systems Planning with Geographical Information System Models</i> P.J. Zorzano Santamaría, A. Falces de Andrés, L.A. Fernández Jiménez, E. García Garrido, E. Zorzano Alba, M. Mendoza Villena, P. Lara Santillán Department of Electrical Engineering. E.T.S.I.I., La Rioja University. Spain</p>
619	<p><i>Modelling of Photovoltaic Module.</i> Ramos Hernanz, J.A.(1), Campayo Martín, J.J. (1) Zamora Belver, I.(1), Larrañaga Lesaka, J.(2), Zulueta Guerrero, E.(3), Puelles Pérez, E.(1) (1) Department of Electrical Engineering (2) Department of Management and Production Engineering (3) Department of Systems Engineering and Automatic E.U.I., Vitoria-Gasteiz. University of The Basque Country. Spain</p>

620	<i>Identification of Photovoltaic Array Model Parameters. Modelling and Experimental Verification</i> I. Houssamo (1), M. Sechilariu (1), F. Locment (1) G. Friedrich (2) (1) University of Technology of Compiègne. Avenues Team Research. France (2) LEC, EA 1006. Compiègne Cedex .France
621	<i>Design of a PFC rectifier with fast start up response and low input current distortion</i> Ahmadreza Amirahmadi(1), Ali Dastfan(1), Seyed Mohamad Reza Rafiei(2) (1) Department of Electrical & Robotics Engineering, Shahrood University of Technology. Iran (2) Department of Electrical Engineering, Politecnico di Torino. Turin, Italy
622	<i>Experimental Measure and Analyses of the Self and Mutual Inductances in Two Different Switched Reluctance Machines</i> Fleury, (1,2) A. (1,2), Silveira A. W. F. V. (3) Rissatti, M.F (1), Nadler, V.B.V.(1), Borges, L. S. (1), Pedroza, A.R. (1), Rocha, R. (1), Oliveira, J.I.(1) (1) Electrical Machines and Drives Laboratory. Pontifical Catholic University of Goias.Goiania. Brazil (2) Physics Laboratory. State University of Goias. Brazil (3) Electrical Drives Laboratory. Federal University of Uberlandia. Brazil
625	<i>Grid manager design using Battery Energy Storage Systems in weak power systems with high penetration of wind energy</i> A. Goikoetxea (1), J. A. Barrena (1), M. A. Rodríguez (2), G. Abad (1) (1) Faculty of Engineering, University of Mondragon. Spain (2) Ingeteam Transmission & Distribution, S.A., Protección y control de redes eléctricas. Basauri.Bizkaia.Spain
626	<i>Optimization of Single-phase PWM Rectifier Performance by Using the Genetic Algorith</i> F.Jafari, A.Dastfan Department of Electrical Engineering. Shahrood University of Technology. Iran
627	<i>Capacity Markets</i> T. Saraiva, C. Jesus,L. Ferreira Department of Electrical and Computers Engineering. Instituto Superior Tecnico, Lisbon Technical University. Portugal
629	<i>An Improved Electronic Circuit for Tracing the I-V Characteristics of Photovoltaic Modules and Strings</i> Vicente Leite(1), Faustino Chenlo(2) (1) Polytechnic Institute of Bragança, School of Technology and Management. Bragança. Portugal (2) CIEMAT, Research Centre for Energy, Environment and Technology Madrid. Spain
631	<i>Renewable Energy for Desalinization Using Reverse Osmosis</i> J. Salazar, F. Tadeo, C. Prada Department of Systems Engineering and Automatic Control University of Valladolid. Spain
632	<i>Defects in poly-Silicon and amorphous Silicon solar cells</i> G. Acciani, O. Falcone, S. Vergura Dipartimento di Elettrotecnica ed Elettronica. Politecnico di Bari. Italy
633	<i>Analysis of the thermal heating of poly-Si and a-Si photovoltaic cell by means of</i>

	<p>Fem G. Acciani, O. Falcone, S. Vergura Dipartimento di Elettrotecnica ed Elettronica. Politecnico di Bari. Italy</p>
634	<p>Thermographic Análisis of Photovoltaic Panels G. Acciani, G.B. Simione, S. Vergura Dipartimento di elettrotecnica ed elettronica. Politecnico di Bari. Italy</p>
635	<p>Labview-Matlab Integration for Analyzing Energy Data of PV Plants S. Vergura, E. Natangelo Dipartimento di Elettrotecnica ed Elettronica. Politecnico di Bari. Italy</p>
637	<p>Photovoltaic Systems Coupled to Solar Heaters of Water Eliseu Burda, Roberto Cesar Betini Academic Department of Electrotechnique. Federal Technological University of Paraná. Brasil</p>
638	<p>Self-Powered Passive Adaptive Control of Pitch Angle and Betz-Shaped Wind Tunnel S.C. Li School of Engineering. University of Warwick. United Kingdom</p>
640	<p>Renewable Marine Energies in Galicia: Potential and Monitoring Tools Primitivo B. González (1), Santiago Martín (1), Ana Álvarez (1), Cristina Anido (2) (1) UDC Department of Naval Construction. A Coruña University. Ferrol. Spain (1,2) UDC Marine Innovation Group. E.U.P. A Coruña University. Ferrol. Spain</p>
642	<p>The Oldest Newsprint Paper Mill Redesign and Rebuild for Energy-Saving and Water-Reducing in China Peng Jiang (1,2), Huan-Bin Liu (1) (1) State Key Laboratory of Pulp and Paper Engineering. South China University of Technology. Guangzhou. China (2) Guangzhou Paper Co. China</p>
644	<p>Rewiew of Local and Remote Techniques for Islanding Detection in Distributed Generators D. Velasco (1), C.L. Trujillo (1,2), G. Garcerá (1), E. Figueres (1), O. Carranza (3) (1) Department of Electronic Engineering. Universidad Politécnica de Valencia. Spain (2) Department of Electronic Engineering. Universidad Distrital Francisco José de Caldas. Bogotá. Colombia (3) Escuela Superior de Cómputo. Instituto Politécnica Nacional. Mexico</p>
645	<p>Analysis of Active Islanding Methods for Single Phase Inverters C.L. Trujillo (1,2), D. Velasco (1), G. Garcerá (1), E. Figueres (1), O. Carranza (3) (1) Department of Electronic Engineering. Universidad Politécnica de Valencia. Spain (2) Department of Electronic Engineering. Universidad Distrital Francisco José de Caldas. Bogotá. Colombia (3) Escuela Superior de Cómputo. Instituto Politécnica Nacional. Mexico</p>
647	<p>Metrological Confirmation of Total Harmonic Distortion of Voltage Meters Used in Brazilian Electrical Power System</p>

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648	<i>Study of Current Distribution Over a Power Cable Presenting Non-Uniform Geometry Using the Partial Differential Equations Approach</i> Ghazi Bousaleh (2), Fahd Hassoun (1), Rafic Hage Chehade (2) (1) France Telecom R&D. France (2) Lebanese University. IUT Saida. Lebanon
649	<i>Integrated Design and Optimization of a Direct Drive Axial Flux Permanent Magnet Generator for a Tidal Turbine</i> O. Keysan (1), A.S.McDonald, M.Mueller (1) (1) School of Engineering. Institute for Energy Systems. University of Edinburg. United Kingdom
651	<i>Analysis of the Radiation from a Complex Multi-Conductor Transmission Line</i> Fahd Hassoun (1), Ghazi Bousaleh (2), R. Hage Chehade (2) (1) France Telecom R&D. France (2) Lebanese University. IUT Saida. Lebanon
652	<i>Ambient RF Energy Harvesting</i> D. Bouchouicha (1), F. Dupont (1), M. Latrach (3), L. Ventura (2) (1) STMicroelectronics. Tours. France (2) Laboratoire de Microélectronique de Puissance-Université de Tours. France. (3) Groupe RF& Hyperfréquence- École Supérieure d'électronique de l'ouest (ESEO) Angers. France
655	<i>STATCOM Model against SVC Control Model Performance Analyses Technique by MATLAB</i> Tariq Masood (1), R.K Aggarwal (1), S.A. Qureshi (2), R.A.J. Khan (3) (1) Department of Electronics and Electrical Engineering. University of Bath United Kingdom (2) Department of Electrical Engineering. University of Engineering and Technology. Lahore. Pakistan (3) Department of Electrical Engineering. Rachna College of Engineering and Technology. Gujranwala. Pakistan
656	<i>STATCOM Control Reconfiguration Technique for Steady State and Dynamic Performance Optimization during Network Fault Conditions</i> Tariq Masood (1), R.K Aggarwal (1), S.A. Qureshi (2), R.A.J. Khan (3) (1) Department of Electronics and Electrical Engineering. University of Bath United Kingdom (2) Department of Electrical Engineering. University of Engineering and Technology. Lahore. Pakistan (3) Department of Electrical Engineering. Rachna College of Engineering and Technology. Gujranwala. Pakistan
659	<i>Three-Phase to Two-Phase Matrix Converter with Reduced Switches</i> M.Rahideh, A.Dastf Department of Electrical and Robotic Engineering. Shahrood University of Technology. Iran
661	<i>Distributed Generation Stability During Fault Conditions</i> S. El Safty, M. Abd El Geliel, C. M. Ammar Department of Electrical Power & Control Engineering. Arab Academy for Science and

	Technology and Maritime Transport.Egypt
662	<i>A Modular Architecture for Energy Efficient Wireless Sensor Networks Nodes</i> José Catela (1), Rui Rocha (1), Moisés Piedade (2) (1) Instituto de Telecomunicações. Instituto Superior Técnico. Portugal (2) Instituto de Engenharia de Sistemas e Computadores. Lisboa .Portugal
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683	<i>Solar Festival-Renewable Energy Awareness for Microproduction and Building Integration</i> Iolanda Sousa (1), Hernâni Alcobia (1), Paulo Pereirinha (2,3) (1) Net Plan. Telecomunicações e Energia. Lisboa. Portugal (2) IPC-ISEC, Polytechnic Institute of Coimbra. Portugal (3) INESC-Coimbra. Institute for Systems and Computers Engineering at Coimbra. Portugal
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692	<i>Autotransformer Monitoring System</i> Ryszard Kowalik, Pawel Kopański, Krzysztof Glik Warsaw University of Technology. Institute of Electric Power Engineering. Poland
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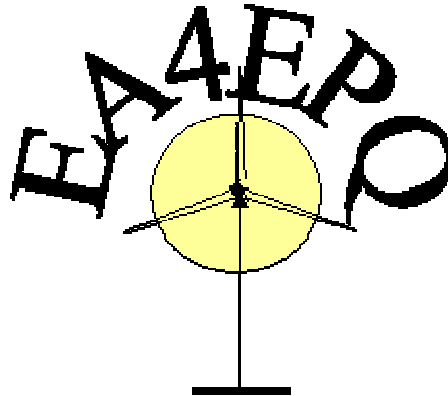
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