

**List of the presented papers at IEEE GPECOM2024
4-7 June 2024, Budapest, Hungary**

#	Title	Authors	Decision	Presented	Presenter's Country
	Tutorial: Grid Code Compliance of Renewable Energy Sources – Challenges and Solutions from Real World Examples	Merden Yesil		YES	Turkiye
	Tutorial: Onboard Energy Storage in Railway: Current State and Future Trends	Emanuele Fedele		YES	Italy
	Tutorial: Exploring the Nexus of Electromagnetic Transients: Innovations and Challenges in Utility Systems for the Modern Era	Negar Dashi		YES	Turkiye
	Tutorial: Advanced Power Electronics Development Methods for Next Generation eMobility Products	Zoltán Rácz		YES	Hungary
	Tutorial: Battery Modelling and Characterization: Challenges and Perspectives	Nicola Campagna		YES	Italy
	Keynote: Ambitious Renewable Scenarios – Technical & Regulatory Challenges	Osman Bulent TOR		YES	Turkiye
	Keynote: Grid Forming Control at IBR Based Power Systems	Gokhan Onal		YES	Turkiye
	Keynote: Resilient Operation of Power Systems under Disaster Conditions: Insights and Suggestions	Ozan Erdinc		YES	Turkiye
	Keynote: Synchronized Waveforms – A Frontier of Data-Based Power System and Apparatus Monitoring, Protection, and Control	Wilsun Xu		YES	Canada
	Keynote: Disruptive Technology for Green Deal in Innovation Ecosystem	Gergen Péter		YES	Hungary
	Keynote: Challenges of Educating Engineers for Renewable Energy	Muhammad H Rashid		YES	USA
	Keynote: What 6G can Support and its Enabling Technologies	Qammer Abbasi		YES	UK
	Keynote: Latest evolution of the interaction between Digital Twins in power system protection applications: closed loop relay testing	Andrea Bonetti		YES	Sweden
ID	PROCEEDINGS				
3	Comparative Analysis of Transformer Fault Classification Based on DGA Data Using Machine Learning Algorithms	Melih Çoban (Bolu Abant İzzet Baysal University, Turkiye), Murat Fidan (Bolu Abant İzzet Baysal University), Oktay Aytar (Bolu Abant İzzet Baysal University)	ACCEPT	YES	Turkiye
8	Interactions between Active Distribution and Transmission Networks: State of the Art and Opportunities	Mid Szal Miah (Federation University, Australia), Rakibuzzaman Shah (Federation University Australia), Syed Islam (Federation University Australia), Nima Amjadi (Federation University Australia)	ACCEPT	YES	Australia
18	Multiphysics Simulation Analysis of Copper Lead Arrangement in a Very High Power Transformer	Ramazan Altay (BEST Transformer, Turkiye), İrem Hazar (BEST Transformer, Turkiye), Emre Kervan (BEST Transformer, Turkiye), Mahmut Aksoy (BEST Transformer, Turkiye), Pedro Quintanilla (University of Cantabria, Spain), Fernando Delgado (University of Cantabria, Spain)	ACCEPT	YES	Turkiye
23	Dual Optimal Strategy with Receding Horizon Control of Wind Farm to Provide the Fast Frequency Response	Dae-Jin Kim (Korea Institute of Energy Research), KyungSang Ryu (Korea Institute of Energy Research), Yang Hyeon Nam (KIER, Korea), Chan-Su Kim (KIER), Seung-Jin Yoon (KIER), Byungki Kim (KIER)	ACCEPT	YES	South Korea
24	Harnessing Dung Beetle-Inspired Algorithm Optimizing Hybrid Active Power Filters: Enhanced Power Quality and Cost Efficiency	Maha M. Ayoub (Upper Egypt Electricity Dist. Co. (UEEDC), Egypt), Salah Kamel (Aswan University, Egypt), Loai Nasrat (Aswan University), Francisco Jurado (University of Jaen, Spain)	ACCEPT	YES	Spain
28	Implementation of Fuzzy and Neural Networks-Based MPPT Techniques on Solar PV System	Sai Shankar Reddy Kakularapu (Florida Polytechnic Universit USA)*, Muhammad Rashid (Florida Polytechnic University)	ACCEPT	YES	USA
29	LLC Laser Driver for Laser Wireless Power Transfer Application	Hayri Yigit (Yildiz Technical University, Turkiye), Ali Rifat Boynuegri (Yildiz Technical University), Burak Tekgun (Abdullah Gul University, Turkiye)	ACCEPT	YES	Turkiye
32	A Sliding mode MPPT for Photovoltaic applications: case of storage systems	Yassine CHAIBI (USMBA, Morocco), Zakariae EH-DRISSI (University of Ibn Tofail, Morocco), Badr Elkari (Euromed University of Fez, Morocco), Mohamed BENSLIMANE (USMBA), Zakaria CHALH (USMBA)	ACCEPT	YES	Morocco
38	Joint Channel Estimation and Localization in RIS Assisted OFDM-MIMO System	Ural MUTLU (Niğde Ömer Halisdemir University, Turkiye), Mehmet Bilim (Nuh Naci Yazgan University, Turkiye), Yasin KABALCI (Niğde Ömer Halisdemir University)	ACCEPT	YES	Turkiye
40	DC Microgrid – Applications, Technical benefits and Control strategy	Cheikhelwey Elwey SALEM (SMBa University, Morocco); Nouamane AYADI (SMBa University, Morocco); Yassine CHAIBI (SMBa University, Morocco); Badr ELKARI (Euromed University, Morocco); Mohamed BENSLIMANE (SMBa University, Morocco); Zakaria CHALH (SMBa University, Morocco)	ACCEPT	YES	Morocco
45	Optimal Parametrization of the Gale-Shapley Preallocation Method for Combinatorial Auction-based Channel Assignment	Dávid Cserecsk (Pázmány Péter Catholic University, Hungary), Eduard Jorswieck (TU Braunschweig, Germany)	ACCEPT	YES	Hungary
48	Implementation of SCADA for IEC 61850 Communication in the IEEE 14-Bus System	Flavio Quizhpi (Universidad Politécnica Salesiana), Antony Jacome (Universidad Politécnica Salesiana), Mateo M Quizhpi (Universidad Politécnica Salesiana)	ACCEPT	YES	Ecuador
50	Outage Probability Analysis of RIS-Assisted System over Weibull/Rayleigh Fading Channels	Ural MUTLU (Niğde Ömer Halisdemir University, Turkiye), Mehmet Bilim (Nuh Naci Yazgan University, Turkiye), Yasin KABALCI (Niğde Ömer Halisdemir University)	ACCEPT	YES	Turkiye
52	Sag Monitoring for Overhead Transmission Lines Using 5G Radio Signals	Hua Yan (University of Warwick, UK); Yunfei Chen (Durham University, UK); Xiaolin Ding (National Grid Electricity Transmission, UK)	ACCEPT	YES	UK
53	IPMSM Control System Based on Maximum Torque Per Ampere Strategy	Marcel Nicola (ICMET Craiova), Claudiu I NICOLA (ICMET Craiova), Răzvan Prejbeanu (University of Craiova), Marian Popescu (University of Craiova)	ACCEPT	YES	Romania
54	PMSM Sensorless Control System Based on DTC Using FLC and Luenberger-PLL Observer	Claudiu I NICOLA (ICMET Craiova, Romania), Marcel Nicola (ICMET Craiova), Andreea Iacob (University of Craiova, Romania), Cristian Pirvu (University of Craiova)	ACCEPT	YES	Romania
62	ALO-tuned Supertwisted Synergetic Control of a CPL-fed Boost Converter in DC Microgrid	Hafiz Mian Muhammad Adil (Lahore University of Management Sciences (LUMS), Pakistan), Hassan Abbas Khan (Lahore University of Management Sciences)	ACCEPT	YES	Pakistan
63	The Impact of Controlled Deep Discharge Start Voltage, End Voltage and Current on Voltage Recovery and Cell Temperature for Lithium Ion Battery Recycling	Kerim Obarcanin (DV Power, Sweden), Amer Music (DV Power, Sweden)	ACCEPT	YES	Sweden
69	The Influence of Magnetic Traction Force of Geared Motor Boxes Vibration	Genadijs Kobenkins (Riga Technical University, Latvia), Marks Marinbahs (JSC "Riga Electric Machine Building Works"), Nikita Rilevs (Riga Technical University), Anatoljs Bizans (Riga Technical University), Olegs Sliskis (JSC "Riga Electric Mach. Build. Works")	ACCEPT	YES	Latvia
75	Approximate Error Probability Analysis of L-Branch MRC System over λ - μ Fading Environments	Ural MUTLU (Niğde Ömer Halisdemir University, Turkiye), Mehmet Bilim (Nuh Naci Yazgan University, Turkiye), Yasin KABALCI (Niğde Ömer Halisdemir University)	ACCEPT	YES	Turkiye
77	Parametric Effects of a Heat Transfer System using Supercritical Carbon Dioxide as Working Fluid	Lei Wang (Jiangxi University of Science and Technology, China), Yu-Cheng Pan (National Tsing Hua University, Taiwan), Jin-Der LEE (National Tsing Hua University), Shao-Wen Chen (National Tsing Hua University), Ben-Ran Fu (National Yang Ming Chiao Tung University, Taiwan), Chin Pan (City University of Hong Kong)	ACCEPT	YES	China
83	A New Computational Method of Electrical Distances for Modern Power Grid: Voltage Stability-Based Method	Khaled AlZaareer (Al Hussein Technical University, Jordan), Qusay Salem (Princess Sumaya University for Technology, Jordan), Claude Ziad El-Bayeh (Aspen Technology, Canada), Atheer Al-Shagghah (Al Hussein Technical University)	ACCEPT	YES	Jordan
84	Effect on Short Circuit in the LV Feeder of an Electric Vehicle Fast Charging Station	Fikret Kaya (Marmara University, Turkiye), Onur Akar (Marmara University)	ACCEPT	YES	Turkiye
89	MIMO-NOMA-DAE: A Deep Learning based Downlink MIMO-NOMA Scheme for Low-Power Applications with Imperfect CSI	Muhammad Usman Ejaz (Queen Mary University of London); Tayyaba Irum (Queen Mary University of London); Shingirai Amori Simba (Queen Mary University of London)	ACCEPT	YES	UK
92	Analysis of the Influence of Grid Forming Control on Power System Stability	Lijun Cai (University of Rostock, Germany); Ulas Karaagac (Hong Kong Polytechnic University); Xiaogang Meng (State Power Investment Corporation Research Institute (SPICRI))	ACCEPT	YES	Germany
96	Hybrid CNN-LSTM Forecasting Model for Electric Vehicle Charging Demand in Smart Buildings	Nikolaos Tsalkidis (CERTH, Greece), Paraskevas Koukaras (CERTH), Dimosthenis Ioannidis (CERTH), Diminos Tzovaras (CERTH)	ACCEPT	YES	Greece

97	An Improved MPPT Controller for PV based Converters without Irradiation Sensor and Memory unit	Boni Satya Varun Sai (Jadavpur University, India), Rupali Mohanty (Gandhi Institute for Technology, India), Debashis Chatterjee (Jadavpur University), Kishore Bingi (Universiti Teknologi Petronas, Malaysia), Satyajit Mohanty (Vellore Institute of Technology, India)	ACCEPT	YES	India
101	Modeling Zero-Dynamics Attacks on Wind Turbines Through Laplace and Z-Domain Representations	Tamás Haba (Budapest University of Technology and Economics), Csaba Budai (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
102	Optimal Ramp Rate Control of a Solar PV and Wind Power Plant with Predictive Control of Battery Energy Storage	Christos Iraklis (ACWA Power, United Arab Emirates), Ahmed Hesham Balawi (ACWA Power, KSA), Thomas Altmann (ACWA Power, UAE)	ACCEPT	YES	UAE
103	Compatibility Issues of Oxymethylene Ether with Fluorocarbon Rubber Sealings	Márton Vári (Budapest University of Technology and Economics, Hungary), Máté Zöldy (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
106	Enhancing Grid Resilience: Islanding Control in a Digital Twin of Real Electrical Distribution System	Anosh Arshad Sundhu (Links Foundation, Italy), Soheil Saadatmandi (Politecnico di Torino, Italy), Maurizio Arnone (Links Foundation, Italy)	ACCEPT	YES	Italy
107	Comparative Study of Low-Frequency Transmission Solutions for Offshore Wind Farms	Tao Hu (King's College London, UK), Zehua Tang (King's College London), Grazia Todeschini (King's College London)	ACCEPT	YES	UK
108	Cyber-Physical Metropolitan Area Digital Substations Test Bench for Evaluating Intrusion Detection Systems	Santiago Sanchez-Acevedo (SINTEF Energi AS, Norway); Tesfaye Amare Zerihun (SINTEF Energi AS, Norway); Hristo Koshutanski (Eviden, Spain); Alejandro Garcia-Bedoya (Eviden, Spain)	ACCEPT	YES	Norway
109	Hardware-in-the-Loop platform based on Smart Meters for Demonstrating Advanced Distribution Management Systems	Santiago Sanchez-Acevedo (SINTEF Energi AS, Norway), Raymundo E. Torres-Olguin (SINTEF Energi AS, Norway), Kjell Ljekseley (SINTEF Energi AS, Norway); Tore Gundersen (Aidon, Norway)	ACCEPT	YES	Norway
110	Design and Component Selection of Three-Phase T-type Power Factor Correction (PFC) rectifier	Reza Asrar Ghaderloo (University of Maryland, USA), Yidi Shen (University of Maryland), Ayodhya Somnirwan Gamwari (University of Maryland), Chanaka M Singhabahu (University of Maryland), Alreza Khaligh (Univ. of Maryland)	ACCEPT	YES	USA
111	Control Strategy for Torque Ripple Reduction in Brushless DC Motors with 180-Degree Commutation	Ziliang Feng (University of British Columbia, Canada), Rahul Raman Ramesh (University of British Columbia), Seyyedmehdi Ebrahimi (University of British Columbia), Juri Jatskevich (University of British Columbia)	ACCEPT	YES	Canada
112	Conversion of Single Circuit AC Transmission Lines to Bipolar DC	Eda Karaca (Karadeniz Technical University, Turkey), Fatih Mehmet Nuroğlu (Karadeniz Technical University)	ACCEPT	YES	Turkiye
113	Comparison of Parabolic Trough Concentrated Solar Power and Photovoltaic Plants with and without Energy Storage using NSGA-II	Cedie Mar A Magno (University of the Philippines Los Baños); John Paul P Manzano (University of the Philippines Los Baños); RODOLFO JR. A. AGUIRRE (University of the Philippines Los Baños)	ACCEPT	YES	Philippines
114	Impact of Electric Vehicles and Electric Stove Utilization on Distribution Systems: A Case Study in Indonesia	Aulia Vici Yunitasari (Institut Teknologi Sepuluh Nopember, Indonesia), Rony S Wibowo (ITSN), Dimas Fajar Uman Putra (ITSN), Danny Pujianto (Imperial College London London, UK)	ACCEPT	YES	UK
115	Efficiency Analysis of a Powertrain with Battery Direct Inverter	Julia M Tscherniewski (University of Wuppertal), Stefan Butzmann (University of Wuppertal)	ACCEPT	YES	Germany
116	Investigating the Impact of Cross-Sectional Area Variations of High Voltage Section on Leakage Reactance	Kamran Dawood (Astor Enerji); Semih Tursun (Astor Enerji), Guven Komurgoz (Istanbul Technical University)	ACCEPT	YES	Turkiye
118	Analyzing Efficiency and Temperature Variations in PSC Structures Utilizing RbGeBr ₃	Shima Valizadeh (Alzahra University, Iran), Sani Lawal (Robert Gordon University, UK), Nazila Fough (Robert Gordon University), Aliasghar Shokri (Alzahra University)	ACCEPT	YES	UK
120	The Next Generation in Communication Technology: Roadmap to 6G	Alperen CENGİZ (Niğde Ömer Halisdemir University, Turkey), Mehmet Bilim (Nuh Naci Yazgan University), Yasin KABALCI (Niğde Ömer Halisdemir University)	ACCEPT	YES	Turkiye
121	LSTM Based Real-Time Transient Stability Assessment Using Synchronosors	Adnan Iqbal (Indian Institute of Technology Indore, India), Rahul Kumar (Indian Institute of Technology Indore), Usha Soni (Indian Institute of Technology Indore), Trapti Jain (IIT Indore)	ACCEPT	YES	India
122	Iterative AHA-Driven Microgrid Reconfiguration for Interconnection Performance Enhancement	Wiam Ayrit (ENSAK, Morocco), Ahmed Helmi (Buraydah Private Colleges, KSA), Haitham S. Ramadan (Zagazig University, Egypt)	ACCEPT	YES	Morocco
123	Towards Sustainable Buildings: Chilled Water System Analysis & Efficiency Modeling	Wiam Ayrit (ENSAK, Morocco), Ahmed Helmi (Buraydah Private Colleges), Simon Abongmbo (University of Houston), Driss Benhaddou (University of Houston)	ACCEPT	YES	Morocco
125	Smart Architecture Framework with 5G Private Networks and AI for Sustainable Agriculture	Sándor Székely (Sapientia Hungarian University of Transylvania, Romania), Fionan O'Driscoll (EPAM Systems Inc., Canada), Leonardus Thoma (EPAM Systems Inc., Turkey), David Kyriakos (Telco Media and Entertainment Red Hat Inc., USA), Vincent Pang (Telco Media and Entertainment Red Hat Inc., USA), Geoffrey Shmigelsky (OneCup Productions Ltd., Canada)	ACCEPT	YES	Romania
126	Improved Direct Instantaneous Torque Control Strategy of Switched Reluctance Motor based on Artificial Neural Network	Ameer LS Alkalmashi (Budapest university of Technology and Economics), László Számel (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
127	Battery Sizing for Inertia Improvement in Wind Energy Integrated Network	Nitish Kumar Yadav (Indian Institute of Technology Mandi, India), Pratim Kundu (Indian Institute of Technology Mandi, India)	ACCEPT	YES	India
128	Prediction of the output of the tri-generation concentrated solar power system based on artificial neural network	Safwan Al-Qawabeh (Al-Zaytoonah University of Jordan), Nabeel Abu Shaban (Al-Zaytoonah University of Jordan), Ahmad Al Aboushi (Al-Zaytoonah University of Jordan), Ahmad Al-Salaymeh (The University of Jordan), Ayman Al-Maaitah (Wahaj Solar, UAE), Eman Abdelhafez (Al-Zaytoonah University of Jordan)	ACCEPT	YES	Jordan
129	Solar-Powered ROV: Advancing Underwater Exploration with Renewable Energy	Sani M Lawal (Robert Gordon University, UK), Nazila Fough (Robert Gordon University), Shima Valizadeh (Alzahra University, Iran), Somsundar Kannan (Robert Gordon University)	ACCEPT	YES	UK
131	Stability of a Distributed Controller for Optimal Current Sharing and Voltage Containment in DC Microgrids	Cornelia Skaga (Norwegian University of Science and Technology, Norway), Babak Abdolmaleki (NTNU), Gilbert Bergna-Diaz (NTNU)	ACCEPT	YES	Norway
132	Speed Control of IM Using RL-Based TD3 Agent	Uğur Ufuk Körpe (Kirsehir Ahi Evran University, Turkey), Mustafa Gokdag (Karabuk University, Turkey), Ozan Gulbudak (Karabuk University)	ACCEPT	YES	Turkiye
133	Data-Driven TD3 Control of IM Considering Magnetic Saturation and Temperature Effect	Uğur Ufuk Körpe (Kirsehir Ahi Evran University, Turkey), Mustafa Gokdag (Karabuk University, Turkey), Ozan Gulbudak (Karabuk University)	ACCEPT	YES	Turkiye
134	Performance Evaluation of D-Q Current Controller for Grid-Connected Full-Bridge Inverter Under Grid Harmonics	Burhan Hükumen (Karabuk University, Turkey), Mustafa Gokdag (Karabuk University), Ozan Gulbudak (Karabuk University)	ACCEPT	YES	Turkiye
135	Analysis of the Faults Impact on Current and Voltage Characteristics of Photovoltaic Solar Systems	Nouamane AYADI (SMBA University, Morocco), Abdellah ET-TALEBY (SMBA University, Morocco), Cheikhelwey Elwey SALEM (SMBA University, Morocco), Yassine CHAIBI (SMBA University, Morocco), Mohamed BENSILMANE (SMBA University, Morocco), Zakaria CHALIH (SMBA University, Morocco)	ACCEPT	YES	Morocco
136	Dual-Band Four-element MIMO Side-Edge Antenna for Modern Wireless Communications	Mohammad Alsukour (University Grenoble Alpes, France), Yanal Fauri (The University of Jordan), Hamzeh AbuHamad (The University of Jordan)	ACCEPT	YES	France
138	Onsite Partial Discharge Detection and Location System for Underground Cables Using USRP-Based Measurement System	Mert Bekir Atsever (Gebze Technical University); Ali Boyaci (Istanbul Ticaret University), Serhan Yarkan (Istanbul Ticaret University), Hakan Hocaoglu (Istanbul Ticaret University)	ACCEPT	YES	Turkiye
139	Performance Analysis of Insulation Resistance Test and Cable Laying Installation in Library Block	Rubini B (Vels Institute of Science, India), R. Karthick (C.K. College of Engineering and Technology, India), Katalin G (Vignan's Foundation for Science, India), S.Saranya (Kongunadu College of Eng. and Tech.), S. Pradeep Kumar (Vels Institute of Science), M.Suganya (SRM Institute of Science and Technology, India)	ACCEPT	YES	India
141	Design and Fabrication of Annular Microstrip Patch Antenna with Slotted Hexagonal Patch for 3.5 GHz Operation Frequency	Ilayda Ozkeser (Istanbul Yeni Yuzyl University, Turkey); Cihan Doguesen Erbas (Istanbul Yeni Yuzyl University)	ACCEPT	YES	Turkiye
142	Design of a 2.2kW 4-Pole IE5 Efficiency Class Line-Start Permanent Magnet Synchronous Motor	Mert Akçomak (Yildiz Technical University), Sibel Zorlu Partal (Yildiz Technical University)	ACCEPT	YES	Turkiye
143	Investigation of the Performance of Solar Tri-Generation System Experimental and Simulation Study	Nabeel Abu Shaban (Al-Zaytoonah University of Jordan), Otabel Al-Oran (Applied Science Private University, Jordan), Abduljalil N. Othman (Al-Balqa Applied University, Jordan), Ahmad Al-Salaymeh (The University of Jordan, Jordan), Ayman Al-Maaitah (Wahaj Solar, United Arab Emirates), Ahmad Al Aboushi (Al-Zaytoonah University of Jordan)	ACCEPT	YES	Jordan
146	Conducted Emission Measurement of Multiphase On-Board Buck Converters	König Tamás (BME-HVT, Hungary), Nagy Lajos (BME-HVT)	ACCEPT	YES	Hungary
147	Design an OAM Reconfigurable Printed Antenna for Wireless Applications	Hamzeh AbuHamad (The University of Jordan), Yanal Fauri (The University of Jordan), Noor Awad (The University of Jordan)	ACCEPT	YES	Jordan
148	A Look at Lookup Tables as PV MPPT Methods	Catalin Ichim-Burlacu (Polytechnica University of Timisoara, Romania), Cezara-Liliana T Rat (Polytechnica University of Timisoara), Manuela Panou (University Polytechnica Timisoara)	ACCEPT	YES	Romania
151	Analysis of Regression-based MPPT Algorithms in PV System	Catalin Ichim-Burlacu (Polytechnica University of Timisoara); Cezara-Liliana T Rat (Polytechnica University of Timisoara); Manuela Panou (University Polytechnica Timisoara)	ACCEPT	YES	Romania

153	Identification of Photovoltaic and Electric Vehicle Profiles in Distribution Networks Using Long Short-Term Memory Network	Goyal Awagan (Northumbria University, UK), Jing Jiang (Northumbria University, UK), Vihanga Peiris (Northumbria University, UK), Hongjian Sun (Durham University, UK), Pratik Harsh (Durham University, UK)	ACCEPT	YES	UK
156	Comprehensive Analysis of Advanced Display and Control Systems for eVTOL Aircraft	Omar ALHARASEES (Budapest University of Technology and Economics), Farzad Zolfaghari (IMT), Utku Kale (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
157	Deep Reinforcement Learning for Adaptive Optimization of PI Control for Microgrid Under Fault and Variable Loading	Richard J Wieniec (Tennessee State University, USA), Sagnika Ghosh (Tennessee State University)	ACCEPT	YES	USA
158	Case Study of a Potential Green Hydrogen Plant in Indonesia	Muhammad Helmi Prakoso (University of Edinburgh, UK), Adetya Niam Saksama (University of Edinburgh, UK), Muhammad Bahrul Ulum (University of Edinburgh)	ACCEPT	YES	UK
162	Power-Hardware-in-loop Test of a Grid-Forming Converter	Loknadh Salagamsetty (University of Rostock, Germany); Lijun Cai (University of Rostock)	ACCEPT	YES	Germany
164	Diagnostic and Prognostic Health Management of Electric Vehicle: Bridging the Skills Gap in EV Maintenance with Intuitive 3D Interactive Solutions	Hicham EL HADRAOUI (UM6P, Morocco), Hamza TAIBI (UM6P, Morocco), Adila El Maghraoui (UM6P), Nasr GUENNOUNI (UM6P), Mourad Zegrar (Hassan II University of Casablanca, Morocco), Ahmed Chebak (UM6P)	ACCEPT	YES	Morocco
172	Optimized Gap Positions for Improved Electromagnetic Forces in Dry-Type Transformer Design	Kamran Dawood (Astor Enerji); Semih Tursun (Astor Enerji), Guven Komurgoz (Istanbul Technical University)	ACCEPT	YES	Türkiye
177	Enhancing Energy Efficiency in Distribution Grids through Load Profile-Driven Mutual Displacement of Transformers	Eihsab E. E. Ahmed (Ozyegin University); Gokturk Poyrazoglu (Ozyegin University), Mustafa Celikpence (Dicle Electric Distribution Co., Türkiye), Merve Keles (Yesilirmak Electric Dist. Co., Türkiye), Süde Kozalioğlu (ADM Electric Dist. Co., Türkiye), Yasar Sevim (Meram Electric Dist. Co.)	ACCEPT	YES	Türkiye
178	Buck-Boost Converter Modeling and Control based on its Role within a Microgrid	Catalin Ichim-Burlacu (Polytechnic University of Timisoara), Cezara-Liliana T Rat (Polytechnic University of Timisoara, Romania), Octavian Prostean (Polytechnic University of Timisoara)	ACCEPT	YES	Romania
181	EMF Exposure De-Concertation Model for Multi-Technology Mobile Base-Station	Mohammed S. Elbasheir (Sudan University of Science and Technology), Rashid A. Saeed (Sudan University of Science and Technology SUST), Salaheldin Edam (Sudan University of Science and Technology)	ACCEPT	YES	Sudan
182	A Novel Tunable Vortex-Induced Vibration Wind Energy Harvester	Dante Jorge Dorantes-Gonzalez (MEF University, Türkiye)	ACCEPT	YES	Türkiye
183	Enhancing the Control of a DC/AC Converter for Voltage Perturbation Ride-Through in Compliance with the Cuban Grid Code	Julio Espinosa Dominguez (Transilvania University of Brasov, Romania), Ioan Serban (Transilvania University of Brasov), Oryis Ernesto Torres Breffe (Technological University of Havana, Cuba)	ACCEPT	YES	Romania
188	Cirata Floating Photovoltaic Solar Plant 192 MWp: A Review Of The Biggest Floating Solar PV in Indonesia	Handy Satria (University of Edinburgh, UK), Edo Rizaldi (University of Edinburgh), Riyan Pramudito (University of Edinburgh), Zakarya Sandi (University of Edinburgh)	ACCEPT	YES	UK
189	Framework for Intelligent Radio Grid for Legacy Radio Sets Using CNN Based Signal Classifier and Software Defined Radios	Jyoti Ranjan Satapathy (Military College of Telecommunication Engineering, India), Rajesh M Boddade (Military College of Telecom. Eng., India), John Ayeeshyan (Military College of Telecom. Engineering, India)	ACCEPT	YES	India
190	Interoperability Assessment of IEC 61850 Devices in a Multivendor Digital Substation	Gustav Kappler (Karlsruhe Institute of Technology, Germany), Andrea Bonetti (Megger Sweden AB, Sweden), Sine Canbolat (Karlsruhe Institute of Technology), Aneeqa Mumtaz (Karlsruhe Institute of Technology (KIT)), Veit Hagemeyer (Karlsruhe Institute of Technology (KIT)), Ghada Elbez (Karlsruhe Institute of Technology (KIT))	ACCEPT	YES	Germany
191	Active Power Decoupling on a Differential Single-Phase Inverter With Non-linear Load	Ronald Musona (Transilvania University of Brasov, Romania), Ioan Serban (Transilvania University of Brasov)	ACCEPT	YES	Romania
194	Distribution Transformer Core Design Optimization Using Heuristic Optimization Methods	Mohammad Hassan Hashemi (ELTAS Transformers, Türkiye), Huseyin Polat (ELTAS Transformers)	ACCEPT	YES	Türkiye
195	Stability Analysis of DFIG with Virtual-Admittance-Based Grid-Forming Control under Different Grid Strengths	Emanuele Fedele (University of Naples Federico II, Italy), Nicola Campagna (University of Palermo, Italy), Giuseppe Bossi (University of Cagliari, Italy), Renato Rizzo (University of Naples Federico II), Rosario Miceli (University of Palermo), Alfonso Damiano (University of Cagliari)	ACCEPT	YES	Italy
196	Comparison of Vibration and Electrical Signal Analysis for Induction Motor Single-Point Bearing Defect Diagnosis	Emanuele Fedele (University of Naples Federico II, Italy), Nicola Campagna (University of Palermo, Italy), Giuseppe Bossi (University of Cagliari, Italy), Luigi Pio Di Noia (University of Naples Federico II), Rosario Miceli (University of Palermo), Alfonso Damiano (University of Cagliari)	ACCEPT	YES	Italy
197	Evaluation Method of Integrated Electricity-Gas Distribution Network Resilience under Typhoon Disaster	Kong Yulu (North China Electric Power University, China)*, Wang Yifei (State Grid Zhumadian Power Supply Company, China)	ACCEPT	YES	China
201	Road Line and Direction Detection Methods Based on Vanishing Point for an Electric Vehicle	Merve Yildirim (Firat University, Türkiye), Özgür KARADUMAN (Firat University), Hasan Kurum (Biruni University)	ACCEPT	YES	Türkiye
202	Neural-Network Based Energy Management System for Battery-Supercapacitor Hybrid Storage	Fabrizia Alieftya Yusvianti (Institut Teknologi Sepuluh Nopember, Indonesia), Vita Lystianingrum (Institut Teknologi Sepuluh Nopember), Mohd Fakizhan Romlie (Universiti Teknologi Petronas (UTP), Malaysia)	ACCEPT	YES	Malaysia
203	Stability Delay Margin Computation of Shipboard Microgrid with Fuel Cell Using Direct Method	Azhar Jabbar Abdulridha (Gazi University); Saffet Ayasun (Gazi University)	ACCEPT	YES	Türkiye
204	Delay-Dependent Stability Analysis of Load Frequency Control Systems Considering Wind Power Participation	Kübra Nur Gül (Niğde Ömer Halisdemir University, Türkiye); Şahin Sönmez (Malatya Turgut Özal University, Türkiye); Saffet Ayasun (Gazi University, Türkiye)	ACCEPT	YES	Türkiye
205	Performance Enhancement of Renewable System via Hybrid Switched-Inductor-Capacitor Converter	Seshagiri Rao Vemparala (Prince Sultan University, KSA)*, Sagor B Mahajan (Prince Sultan University), Dhafer Almakhlis (Prince Sultan University), Mahmoud Elmorshedy (Prince Sultan University)	ACCEPT	YES	Saudi Arabia
206	Aggregated and Reduced-Order Admittance-Based Modeling of Converter-Interfaced Resources for Power Systems Transient Analysis	Arash Safavizadeh (University of British Columbia, Canada), Abhay Kaushik (University of British Columbia), Seyedemad Ebrahimi (University of British Columbia), Juri Satekewich (University of British Columbia)	ACCEPT	YES	Canada
207	Estimation of Resistor and Capacitor Parameters for Battery Aging in Energy Storage Systems	Merve Saray (Yıldız Teknik Üniversitesi, Türkiye), Ali Rifat Boynueğri (Yıldız Teknik Üniversitesi, Türkiye)	ACCEPT	YES	Türkiye
208	Distributed Secondary Control for Accurate Reactive and Harmonic Power Sharing among VSIs with Integrated Grid-Forming and Grid-Following Capabilities	İman Lorzadeh (Ghent University, Belgium), Omid Lorzadeh (Power Electronics and Control R&D Team, USA), Luc Dupré (Ghent University), Lieven Vandevelde (Ghent University)	ACCEPT	YES	Belgium
209	Battery Aging Simulation for a Fully Electric RO-RO Passenger and Vehicle Ferry	Mumin Karasman (Yıldız Technical University); Ali Rifat Boynueğri (Yıldız Technical University); Yavuz Eren (Yıldız Technical University)	ACCEPT	YES	Türkiye
211	Advanced MPPT Strategy for PV Solar Energy Systems Using ANN-GWO	Mustafa Assim Kamouna (Universidad de Sevilla, Spain), Juan Manuel Mauricio (Universidad de Sevilla), Ameer LS Alkalmashi (Budapest University of Technology and Economics), László Számel (Budapest University of Technology and Economics)	ACCEPT	YES	Spain
212	Model Predictive and Sliding Mode Control Hybridization for Voltage and Average Current Control of Dual Active Bridge DC-DC Converter in Battery Electric Vehicles Powertrain	Nasr GUENNOUNI (Mohammed VI Polytechnic University, Morocco), Nadia MACHKOUR (Hassan II University Casablanca, Morocco), Ahmed CHEBAK (Mohammed VI Polytechnic University)	ACCEPT	YES	Morocco
213	AI-powered Prediction Drives Hungarian Renewable Energy Integration	Farzad Zolfaghari (The Technical University of Košice, Slovakia), Omar Alharasees (Budapest University of Tech. and Economics), Utku Kale (Budapest University of Tech. and Economics)	ACCEPT	YES	Hungary
221	Data-driven based Power Quality Disturbance Analysis for Improved Reliability in Smart Grids	Adila El Maghraoui (University Mohammed VI Polytechnic, Morocco), Younes Ledmaoui (EHTP, Morocco), Ahmed Chebak (Mohammed VI Polytechnic University, Morocco)	ACCEPT	YES	Morocco
222	Channel Estimation in RIS-aided Multi-User OFDM Communication Systems	Ural MUTLU (Niğde Ömer Halisdemir University, Türkiye), Mehmet Bilim (Nuh Naci Yazgan University, Türkiye), Yasin KABALCI (Niğde Ömer Halisdemir University)	ACCEPT	YES	Türkiye
223	A comparative Analysis of Machine Learning Methods for Power System Transient Stability	Glory C Justin (Rensselaer Polytechnic Institute, USA)	ACCEPT	YES	USA
224	Dynamic Active and Reactive Power Control with Utility-Scale Battery Energy Storage Systems	Kübra Nur Akpınar (Marmara University, Türkiye), Okan Ozgonenel (Ondokuz Mayıs University, Türkiye), Sevil Genç (Ondokuz Mayıs University), Burcu Gündoğdu (Hakkari University, Türkiye), Nur Sarma (Durham University, UK)	ACCEPT	YES	Türkiye
226	State of Charge Estimation and Circuit Implementation for Lithium Battery Based on the Elman Neural Network Algorithm	Yang-Chieh Ou (National Central University, Taiwan), Muh-Tian Shiu (National Central University, Taiwan), Bing-Jun Liu (National Central University), Yi-Fong Wang (National Central University), Chih-Shyang Kuo (National Central University), Chih-Feng Wu (Chang Gung University, Taiwan)	ACCEPT	YES	Taiwan
227	Performance Evaluation of Wi-Fi FTM Indoor Positioning for Embedded Applications	Tamas Kovacs (Budapest University of Technology and Economics, Hungary), Miklos Rusvai (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary

230	A Damping-Free Method for Mitigation of Trapezoidal Rule Oscillations in Linear Systems	Noman Saied (University of Tennessee at Chattanooga, USA), Raga Ahmed (University of Tennessee at Chattanooga), Sharief Babkir (University of Tennessee at Chattanooga), Abdelrahman Karrar (University of Tennessee at Chattanooga)	ACCEPT	YES	USA
231	Distributed Secondary Control for DC Microgrid with Reduced Communication Variables	Devakumar Annavaram (IIT Delhi, India), Sukumar Mishra (IIT Delhi)	ACCEPT	YES	India
233	Experimental validation of a Low-Voltage Back-to-Back Converter Control Strategy	Zaid H Ali (Budapest University of Technology and Economics), Raisz David (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
234	Single Capacitor Topology Based Active Cell Balancing	Hali Ibrahim EKREN (Akgun Elektrik Muhendislik, Turkiye), Remzi Inan (Sparta University of Applied Sciences, Turkiye), Abdulsamet Pallaci (Assan Elektronik, Turkiye), Ali Menemen (Akgun Elektrik Muhendislik, Turkiye)	ACCEPT	YES	Turkiye
238	Sensorless MPCC Based PMSM Drive with Multilevel Inverter for Evs	Aydin Boyar (Nevsehir Haci Bektas Veli University, Turkiye)*, Ersan Kabaci (Nevsehir Haci Bektas Veli University, Turkiye)	ACCEPT	YES	Turkiye
239	Machine Learning-Assisted Operation Monitoring Analytics on a Hydro Power Plant	Ahungwa Ahungwa (Université Grenoble Alpes); Cornel IOANA (Université Grenoble Alpes), Vincent BOUILLET (GE Vernova), Benoit Michel (GE Vernova), Antoine BOMBENGER (GE Vernova), Pedro Henrique DIAS DE VERAS SOUSA (GE Vernova)	ACCEPT	YES	France
240	Optimizing Comfort and Energy Efficiency: The Impact of Model Accuracy on Multi-Objective MPC	Kevin Micheneau (CESI LINEACT, France); Abhinandana Boodi (CESI LINEACT)	ACCEPT	YES	France
245	Low-Profile and SWB Phased Array Antenna with Semi-Circular Loop Resonators for 5G/6G Systems	H. J. Basherlou (Edinburgh Napier University, UK), Naser Ojaroudi Parchin (Edinburgh Napier University, UK), Mohammad Alibakhshikenari (Universidad Carlos III de Madrid, Spain), Chan Hwang See (Edinburgh Napier University, UK), Lida Kouhahvandi (Dogus University, Turkiye), Raed A. Abd-Alhameed (University of Bradford, UK), Ernesto Limiti (University of Rome "Tor Vergata", Italy)	ACCEPT	YES	Spain
246	Condition Assessment of Low-Voltage Electrical Equipment Based on Thermal Imaging Control	Stanimir Valtchev (FCT/UNL); Almaz Petrov (Kazan State Power Engineering University); Elena Gracheva (Kazan State Energy University); Tatyana Sinyukova (Lipetsk State Technical University); Rosario Miceli (University of Palermo); Jose Goncalves (University of Namibe)	ACCEPT	YES	Portugal
247	Methodology for Calculating the Real Service Life of 10 kV Cable Insulation by Determining the Parameters of Thermal Conditions in Various Operation Modes	Ivan Tsitson (Kazan State Power Engineering University, Russia), Elena Gracheva (Kazan State Power Engineering University), Tatyana Sinyukova (Lipetsk State Technical University, Russia), Stanimir Valtchev (NOVA University Lisbon, Portugal), Rosario Miceli (University of Palermo, Italy), Jose Goncalves (University of Namibe, Angola)	ACCEPT	YES	Portugal
251	Circuit Model Development for Induction Motor Windings using Key Phase Value of Frequency Response	Homaz Z Amrolia (Nirma University, India), S.C. Vora (Nirma University), Ketan Badgajar (Gujarat Technological University, India)	ACCEPT	YES	India
254	Matching of Passive Magnetic Energy Harvester Clamped on High-Currents-Carrying Conductor to Rechargeable Li-Ion Battery	Alexander Abramovitz (Ben-Gurion University), Moshe Shvartsas (Ben-Gurion University), Alon Kuperman (Ben-Gurion University)	ACCEPT	YES	Israel
256	Onboard Railway Energy Storage Control using Model Predictive Control for Energy Braking Recovery	Houda Lahmidi (Mohammed V University in Rabat, Morocco), Mohammed OUASSAID (Mohammed V University in Rabat), Mohammed Tebaa (Mohammed V University in Rabat)	ACCEPT	YES	Morocco
259	Design of a Smart Solar-Recharge Electric Cart for Location Recognition and Guided Tours using IoT	Daniel A Amoshie (Ashesi University, Ghana), Gabriel Owusu (Ashesi University); Stephen Armah (Ashesi University); Peter Kwao (Ashesi University)	ACCEPT	YES	Ghana
261	Towards alleviating operating conditions of MPC controlled VSC for DFIG-Based Wind Turbines using PSO Algorithm	Youssef Ali Ali (Mohammadia School of Engineers, Mohammed V University, Morocco), Mohammed OUASSAID (Mohammed V University)	ACCEPT	YES	Morocco
262	Exploring The Viability of Variable Speed mSyr Motor for Air-Conditioning Applications	Mohammed Jabal Mohammed (Istanbul Okan University, Turkiye), Ramadan Nejat Tuncay (Istanbul Okan University, Turkiye)	ACCEPT	YES	Turkiye
264	Protecting Energy Storage Systems – Automated Generation Control - Against Coordinated and Dynamic Malicious Data Injection Cyber Attacks	Maha Mubarak Alhaji (Saudi Aramco, KSA), Dana Bassam Nour (Saudi Aramco, KSA), Khalid Ramadan Alshahab (Saudi Aramco, KSA), Rafat Rob (Saudi Aramco, KSA)	ACCEPT	YES	Saudi Arabia
265	Analysis and Optimization of Cooperative Jammer for Spatial Electromagnetic Spectrum Holes	Dongyang Wang (Beijing Institute of Astronautical Systems Engineering, China), Xiaoxi Lin (University of Electronic Science and Technology of China), Xiaozhe Jia (China Academy of Launch Vehicle Technology), Mingwei Zhang (Beijing Institute of Astronautical Systems Engineering, China)	ACCEPT	YES	China
266	Reducing Inverter Losses by Obtaining Optimal Switching Frequency in IPMSM Drives	Osman Emre Özpiftiçi (Kirsehir Ahi Evran University, Turkiye), Mikail KOÇ (Kirsehir Ahi Evran University), Serkan Bahçeci (Erciyes University, Turkiye)	ACCEPT	YES	Turkiye
268	Effects of Forecast Uncertainties on the Energy Management Optimization for Retail Electricity Customers Under CUF-Based Contracts	Elvin Dulce (University of the Philippines Diliman), Michael Angelo Pedraza (University of the Philippines)	ACCEPT	YES	Philippines
270	Development of a Hybrid Energy Storage System for a Forklift Vehicle	Burak Mohammed Saeed (Istanbul Okan University, Turkiye), Cem Hakan Yilmaz (Mutlu Battery), Omer Cihan Kivanc (Istanbul Okan University), Ramadan Nejat Tuncay (Istanbul Okan University)	ACCEPT	YES	Turkiye
271	A Comparative Study of Rooftop and Ground-Mounted Solar PV Design in the UK and Indonesia	Larasati Sudirman (The University of Edinburgh, UK)*, Muhammad Helmi Prakoso (University of Edinburgh), Zakariya Sandi (The University of Edinburgh), Chenxuan Zhang (University of Edinburgh)	ACCEPT	YES	UK
272	Path to Net Zero: 2030 Greenhouse Gas (GHG) Emission Projections for the Philippine Power Generation	Elvin Dulce (University of the Philippines Diliman)	ACCEPT	YES	Philippines
279	Inter-Core Communication Performance Evaluation of a Multicore Microcontroller for Edge Computing Applications	Tamas Kovacs (Budapest University of Technology and Economics), Gergely Kovacs (Budapest University of Technology and Economics)	ACCEPT	YES	Hungary
280	Resilience Oriented Distributed Secondary Control for Networked Microgrids: A Case Study from Indonesia	Amir Basati (Aalborg University, Denmark), Najmeh Bazmohammadi (Aalborg University), Yajuan Guan (Aalborg University), Juan C. Vasquez (Aalborg University), Josep M. Guerrero (Aalborg University)	ACCEPT	YES	Denmark
283	Wind Power Prediction across Different Locations Using Deep Domain Adaptive Learning	Md Saiful Islam Sajol (Louisiana State University, USA), Md Shazid Islam (University of California, USA), A. S. M. Jahid Hossain (North South University, Bangladesh), Md Saydur Rahman (University of California Riverside, USA), Jubair Yusuf (University of California Riverside, USA)	ACCEPT	YES	USA
286	Analysis of Power-to-Heat Units Penetration Effect on Dynamic Behavior of Power Distribution Grids	Morteza Zare Oskouei (Sahand University of Technology, Iran), Fatma Gülşen Erdinç (Istanbul University-Cerrahpaşa), Ozan Erdinç (Yildiz Technical University)	ACCEPT	YES	Iran
287	Power Losses Comparison of Multilevel Asymmetrical and Symmetrical Power Converters for IPMSM Drives	Rosario Miceli (University of Palermo, Italy), Gerlando Frequento (University of Palermo), Claudio Nevoloso (University of Palermo), Giuseppe Schettino (University of Palermo), Massimo Caruso (University of Palermo), Antonino Oscar Di Tommaso (University of Palermo)	ACCEPT	YES	Italy
288	Grid-forming Five-level Cascaded H-Bridge Inverter with Synchronous Power Control	Giuseppe Sorrentino (University of Palermo, Italy), Giocchino Scaglione (University of Palermo), Fabio Viola (University of Palermo), Emanuele Fedele (University of Naples Federico II, Italy), Stanimir Valtchev (University NOVA of Lisbon, Portugal), Rosario Miceli (University of Palermo)	ACCEPT	YES	Italy
289	Economic Implications of Overvoltage Mitigation Methods in PV-rich LV Networks by Distribution Locational Marginal Pricing	Gokturk Poyrazoglu (Ozyegin University, Turkiye), Eihab Ahmed (Ozyegin University), Sinem Koz (Ozyegin University)	ACCEPT	YES	Turkiye
290	Utilizing the Group Method of Data Handling (GMDH) for Electric Demand Forecasting: A Case Study of Turkey	Mohammad Hassan Hashemi (ELTAS Transformers, Turkiye)	ACCEPT	YES	Turkiye
295	Wideband Hybrid Dielectric Resonator Antenna Array for 5G mmWave Mobile Applications	Ali Zidour (University of Mohamed Bougara), Mohammad Alibakhshikenari (Universidad Carlos III de Madrid), Mouloud Ayad (Ferhat Abbas University of Setif1), Chan Hwang See (Edinburgh Napier University), Ernesto Limiti (University of Rome "Tor Vergata", Italy)	ACCEPT	YES	Spain
296	Next – Gen Driver Monitoring System	Suganiya Murugan (SRM Institute of Science and Technology, India), Harish Krishnadas S (SRM Institute of Science and Technology), Abishek G (SRM Institute of Science and Technology), Pradeep Kumar S (Vels Institute of Science Technology and Advanced Studies), Rubini B (Vels Institute of Science Technology and Advanced Studies)	ACCEPT	YES	India
300	Orbital Angular Momentum with the Approach of Using in sub-6GHz 5G Mobile Communications for Wireless Applications	Seyed Ali Khorasani (Sharif University of Technology, Iran), Hassan Zakeri (Amirkabir University of Technology), Gholamreza Moradi (Amirkabir University of Technology, Iran), Mohammad Alibakhshikenari (Universidad Carlos III de Madrid, Spain), Chan Hwang See (Edinburgh Napier University, UK), Ernesto Limiti (University of Rome Tor Vergata, Italy)	ACCEPT	YES	Spain
301	Modeling, Analysis and Optimization of Energy Management in an Islanded Microgrid	Rukiye Gök (Gazi University, Turkiye), Sedef Değirmenci (Gazi University), Erdal Irmak (Gazi University), Nihat Öztürk (Gazi University)	ACCEPT	YES	Turkiye
302	Optimization of Seasonal Wind Energy Forecasts with PSO Algorithm	Oğuz Taşdemir (Ahi Evran University, Turkiye), İzzive Fatımanur Tepe (Gazi University, Turkiye), Erdal Irmak (Gazi University)	ACCEPT	YES	Turkiye

304	Optimizing Residential Energy Systems in Households: A Model Integrating Energy Assets with Economic Evaluation through LCOCE	Yeabsira Yetagessu Tadesse (Yildiz Technical University, Turkiye), Ayşe Kübra Erenoğlu (Yildiz Technical University), Semanur Sancar (Yildiz Technical University), Ozan Erdiç (Yildiz Technical University)	ACCEPT	YES	Turkiye
305	A Hybrid AC/DC Power Flow Solution Including VSC Multi Terminal HVDC Systems by Flexible Unified Branch Model	Baseem Nasir AL Sinayid (Gazi University), Nihat Öztürk (Gazi University)	ACCEPT	YES	Turkiye
306	Optimal Sizing of Battery Energy Storage Systems Participating in Primary Frequency Control in Turkish Power Grid	Merden Yeşil (EPRA Energy), Osman Bülent Tör (EPRA Energy), Metehan Küçüktürk (EPRA Energy), Erdal İmrek (Gazi University)	ACCEPT	YES	Turkiye
307	AGC Integration and Parameter Optimization for the Reduced Dynamic Model of Turkish Power Grid	Merden Yeşil (EPRA Energy), Erdal İmrek (Gazi University)	ACCEPT	YES	Turkiye
308	Optimizing Energy Scheduling and Power Flow in the Power System Using Coronavirus Algorithm	Basim ALbaaj (Gazi University), Orhan KAPLAN (Gazi University)	ACCEPT	YES	Turkiye