Oral Session	Section	ID (Old)	ID (New)	Name	Title	Country
1	Data analytics and cyber security	P02795	APPEEC01	Nusrat Sharmin	AI-based Solar Energy Framework: explainable AI for solar energy generation and GNN for optimal location identification in Bangladesh	Bangladesh
	Data analytics and cyber security	P02826	APPEEC02	Panrawe Boonsom	Sales forecasting for life insurance on primary and supplementary policies using seasonal and trend methods	Thailand
	Data analytics and cyber security	P02857	APPEEC03	Rishi Kant Thakur	Type 1-2 Respiratory Failure Classifier: A Machine Learning Based Comprehensive Detection of Obstructive and Restrictive Lung Disease of In-hospitalized Intubated Patient	Indian
	Data analytics and cyber security	P03202	APPEEC04	Chantelle Yvonne van Staden	Multi-relational clustering of spatiotemporal wind velocity in South Africa	South Africa
2	EV and Machine 1	P02732	APPEEC05	Mrinal Verma	Study on Range Improvement Controls and Method for Electric Vehicles	Indian
	EV and Machine 1	P02749	APPEEC06	Bijender Kumar	Data Driven Prognostic Approach for Battery State and Health Estimation using Machine Learning Technique	Indian
	EV and Machine 1	P02762	APPEEC07	Ahmet Turan Aldemir	Comparative Analysis of A-ECMS for Hybrid Vehicles Using Cycle Based and Random Model Strategies	Turkey
	EV and Machine 1	P02763	APPEEC08	Ömür Boran Kanargı	COMPARATIVE ANALYSIS OF RULE-BASED AND ECMS ENERGY MANAGEMENT METHODS FOR PHEVs	Turkey
	EV and Machine 1	P02766	APPEEC09	Can Berk Saner	Incorporating Battery Degradation Costs into EV Charging Scheduling: A Neural Network and MILP-based Approach	Singapore
	EV and Machine 1	P02776	APPEEC10	Chen Hao	Design and Analysis of Toroidal Winding Double Rotor Switched Reluctance Motor	Belize
3	Power System Dynamic and Control 1	P02729	APPEEC11	Aliyu Hamza Sule	MODIFIED GWO UPDATING PARAMETER FOR TUNING OF PITCH CONTROL OF FIXED SPEED WIND TURBINE	Nigeria
	Power System Dynamic and Control 1	P02734	APPEEC12	Muhammad Hamza Saeed	Electrical Power Network de-bottlenecking techniques for a Large Industrial Distribution Network	Pakistani
	Power System Dynamic and Control 1	P02736	APPEEC13	Yicheng Zhou	Modified Droop Control with PID and its Implementation to Multiple VSCs for GFM Inverter	Japan
	Power System Dynamic and Control 1	P02746	APPEEC14	Kwok W Cheung	WAMS Technologies and Stability Applications for Low Inertia Grids	United States
	Power System Dynamic and Control 1	P02750	APPEEC15	Durvesh Kalke	Comparison of Different Tuning Approaches for Multi-band Power System Stabilizers	Indian
4	Power System Dynamic and Control 2	P02837	APPEEC16	Thongchart Kerdphol	Stability Assessment of Cyber-hacking in Load Frequency Control	Thailand
	Power System Dynamic and Control 2	P02751	APPEEC17	Durvesh Kalke	Tuning of Dual Input Power System Stabilizer IEEE-PSS3C	Indian
	Power System Dynamic and Control 2	P02799	APPEEC18	Aman Gautam	Monitoring Primary Frequency Response using high resolution data from Wide Area Measurement Systems	Indian
	Power System Dynamic and Control 2	P02813	APPEEC19	Mitsuteru Hattori	Security Check of Grid Constraints considering Japanese Spot and Balancing Market	Japan
	Power System Dynamic and Control 2	P02836	APPEEC20	Naowarat Tephiruk	Evaluating Regional Inertia-based COI with Synchrophasor Measurement	Thailand
5	Power System Reliability 1	P02733	APPEEC21	Deepika Gopal	Thermal Modelling of a Renkube Panel	Indian
	Power System Reliability 1	P02758	APPEEC22	Mohammad AlMuhaini	Techno-Economic Assessment of Spot Power Distribution Networks	Saudi Arabia
	Power System Reliability 1	P02759	APPEEC23	Yoon-Seong Choi	Comparative Analysis of Power System Oscillation Using RMS Filter, Prony, and Modal Analysis	Korea
	Power System Reliability 1	P02790	APPEEC24	Tushar Patil	Synchronization of Interregional Transmission System – Field Testing and WAMS Phasor Point Application	Malaysia
	Power System Reliability 1	P03136	APPEEC25	Pornchai Sestasombut	Analysis of Cause and Solutions for the Damaged 115 kV Cable Connector Used by the Metropolitan Electricity Authority	Thailand
6	Power System Reliability 2	P02850	APPEEC26	Chanchai Pongsuwan	Distribution System Reliability Enhancement Using High speed vacuum circuit breaker	Thailand
	Power System Reliability 2	P02971	APPEEC27	Pengjun Jia	A Two-terminal Fault Location Method for Distribution Network Based on Particle Swarm Optimization BP Neural Network	China
	Power System Reliability 2	P03144	APPEEC28	Jintasit Rumkidkarn	The New Design for Low Loss and High Reliability of MEA's Overhead 69 kV and 115 kV Sub-transmission Line in Urban Area	Thailand
	Power System Reliability 2	P03196	APPEEC29	Thunwa Boonlert	Tiered Reliability Assessment of Electric Distribution Utilities using DEA with Malmquist Index	Thailand
	Power System Reliability 2	P03199	APPEEC30	alok pratap singh	Improving Grid Resilience & Protection Performance based on Geographical Diversity and Tripping Statistical Analysis	Indian
	Power System Reliability 2	P03237	APPEEC31	Dulpichet Rerkpreedapong	Evaluating reliability improvement activities on power distribution systems in a major urban center	Thailand
7	Energy Storage and System 1	P02801	APPEEC32	Vikram Cherala	Assessment of Economic Benefits of Battery Energy Storage System Supplied from Photovoltaic for Commercial Users Considering Historical Data	Indian
	Energy Storage and System 1	P02831	APPEEC33	Jirawat Wongyai	BESS Operation Scheme to Reduce Energy Cost and Demand Charge in an Industrial Microgrid in Thailand	Thailand
	Energy Storage and System 1	P02846	APPEEC34	Unchittha Prasatsap	Optimal Energy Storage System Sizing for Peak Shaving in a NU Dormitory Building	Thailand
	Energy Storage and System 1	P02864	APPEEC35	Praveenkumar Rajendiran	An agile solution to estimate the capacity of virtual energy of refrigerator using ANN	Indian
8	Energy Storage and System 2	P02743	APPEEC36	Yaneeporn Patcharavorachot	Comparative Study on Performance of SOFC-GT with/without Anode Exhaust Gas Recirculation	Thailand
	Energy Storage and System 2	P02769	APPEEC37	Maryam Ahmed Yousef Al-Nofli	Performance Assessment of PV/Fuel-Cell Stand-Alone Systems with Hydrogen Storage for the Electrification of Remote Residential Dwellings in the Sultanate of Oman Climate	Oman
	Energy Storage and System 2	P02815	APPEEC38	Yaneeporn Patcharavorachot	Modelling and Process Simulation of Indirect Internal Reforming Solid Oxide Fuel Cell Fueled by Glycerol	Thailand
	Energy Storage and System 2	P03242	APPEEC39	Piramon Hampitak	EV Battery Panorama in Thailand and Proposed Management of Used Batteries	Thailand
	Energy Storage and System 2	P03190	APPEEC40	Zhengang Lu	Inertial characteristics of gravity energy storage systems	China
9	Energy Efficiency and Asset Management 1	P02804	APPEEC41	Sebastian Werle	Liquefaction of waste from wind energy sector towards sustainable fuels	Poland
	Energy Efficiency and Asset Management 1	P02806	APPEEC42	Haoshui Yu	A novel cycle based on organic Rankine cycle (ORC) for power and refrigeration cogeneration	Denmark
	Energy Efficiency and Asset Management 1	P02849	APPEEC43	Suphidchaya Atthaporn	An Optimized Charging for EV using Numerical Method in Consideration of TOU	Thailand
	Energy Efficiency and Asset Management 1	P02851	APPEEC44	Yasaman Balali	Modelling and prediction of energy efficient building climate toward digital twin integration	Australian
	Energy Efficiency and Asset Management 1	P02916	APPEEC45	Farhan Mohammad Khan	Life cycle cost analysis of FRP biogas digester for kitchen waste management	Indian
	Energy Efficiency and Asset Management 1	P03139	APPEEC46	Ekapat Kaewchinda	Improving the Efficiency of Power Distribution Systems with Distribution Transformers Amorphous Core Type	Thailand
10	Energy Efficiency and Asset Management 2	P03241	APPEEC47	Sotarat Thammaboosadee	Examining the Correlation between Biofuel Production and Food Prices in Thailand: a Bivariate Wavelet Coherence Analysis Approach	Thailand
	Energy Efficiency and Asset Management 2	P03229	APPEEC48	Narate Charlangsut	Design and Installation Lighting Protection System to Protect Hybrid Solar Rooftop System	Thailand
	Energy Efficiency and Asset Management 2	P03142	APPEEC49	Kanokpol Methapatara	Load Aggregator Management System Implementation Supporting the Thailand Demand Response Pilot Project 2022-2023	Thailand
	Energy Efficiency and Asset Management 2	P03191	APPEEC50	Tiago Santos Guimaraes	Instrument Transformers using alternative and eco- friendly insulation systems	Germany
	Energy Efficiency and Asset Management 2	P02966	APPEEC51	Muhamad Ahad Rahman Miah	Energy Savings Forecast for Solid-State Lighting in Residential and Commercial Buildings in Bangladesh	Bangladesh
	Energy Efficiency and Asset Management 2	P03195	APPEEC52	Sakhon Woothipatanapan	The Planning of Distribution System Efficiency Improvement By Selective Capacitor Size and Position Technique	Thailand
11	Distributed Energy Resources	P02767	APPEEC53	Scott Watts	Stochastic Model Predictive Control for Solar Homes With Battery Energy Storage	Australian
	Distributed Energy Resources	P02852	APPEEC54	Krischonme Bhumkittipich	Optimal Placement and Sizing of Distribution Generator in Active Distribution System with Solar Farm using Grey Wolf Optimization Technique	Thailand
	Distributed Energy Resources	P02876	APPEEC55	Jirawadee Polprasert	Power Generation Efficiency of Solar PV Floating System by using PVsyst Software	Thailand
12	Smart Grid and Smary City 1	P02765	APPEEC56	Thunchanok Kaewnukultorn	Energy Management Strategy and Solar Energy Utilization in Oversized Solar Array and Grid-tied Photovoltaic Systems	United States
	Smart Grid and Smary City 1	P02817	APPEEC57	Watcharin Srirattanawichaikul	Event-triggered Distributed Generation Control Method for Economic Dispatch in Islanded Microgrid	Thailand
	Smart Grid and Smary City 1	P02938	APPEEC58	Vannak Vai	Techno-Economic Analysis of Rooftop PVs in Low Voltage Distribution Systems for Rural Electrification: A Case Study in Cambodia	Cambodia
	Smart Grid and Smary City 1	P02943	APPEEC59	Vannak Vai	Planning of Grid-Connected PV System in Cambodia: Centralized PV and Decentralized PV	Cambodia
13	Demand Side Management 1	P03203	APPEEC60	Sorawit Narupiti	Perception of Prospective Users on Autonomous Shuttle as a Smart Mobility Service : A case of Chulalongkorn University, Thailand	Thailand
	Demand Side Management 1	P03206	APPEEC61	Sindhu Kanya Nalini Ramakrishna	Domestic hot water heat pump: Modelling, analysis and flexibility assessment	Sweden
	Demand Side Management 1	P03221	APPEEC62	Varameth Vichiensan	Smart Mobility for Enhanced Transit-Oriented Development: Traffic Microsimulation Approach	Thailand
	Demand Side Management 1	P03225	APPEEC63	Muhammad Ahad Rahman Miah	An Integration of IoT and IoE Towards Sustainable Building Energy Management	Bangladesh
14	Demand Side Management 2	P02747	APPEEC64	Theint Theint Thu	Operation Scheduling for Multiple HVAC Systems under Power Constraints	Japan
	Demand Side Management 2	P02748	APPEEC65	Nit Petcharaks	First Step to Carbon Neutrality in Higher Education: A Case Study in a Private University in Thailand	Thailand
	Demand Side Management 2	P02753	APPEEC66	Katya D.O. Soegiharto	A Theoretical Assessment Framework for Demand Response Literature	United Kingdom
	Demand Side Management 2	P02810	APPEEC67	Krittidet Buayai	Mitigration of High Penetration Level of Fast Charging Stations in the Distribution Power System Using Feeder Reconfiguration	Thailand
15	Power Protection and Quality 1	P02770	APPEEC68	Pannita Rajakrom	Fault Location, Isolation, and Service Restoration Using Current-Only Directional Approach with Simple Low-Cost Communication	United Kingdom
	Power Protection and Quality 1	P02773	APPEEC69	Poomipat Gitnumlapcharoen	Study on the installation of harmonic filter circuits for industrial plants connected to solar energy systems and low harmonic currents	Thailand
	Power Protection and Quality 1	P02777	APPEEC70	O. D. Naidu	Single Ended Fault Location Method for Lines Connected with Inverter Based Renewable Resources	Indian
	Power Protection and Quality 1	P02780	APPEEC71	O. D. Naidu	Traveling Wave Based Selective Auto-reclosing Protection Scheme for Two-Terminal Mixed Lines Using Single Ended Data	Indian
	Power Protection and Quality 1	P02785	APPEEC72	Poomipat Gitnumlapcharoen	Installation of an online power quality monitoring system for the industry and applications	Thailand
16	Power Protection and Quality 2	P02803	APPEEC73	O. D. Naidu	Distance Protection for Transmission Lines Connected with Type III Wind Farms: Problems and Solutions	Indian
	Power Protection and Quality 2	P02816	APPEEC74	Watcharin Srirattanawichaikul	Zero Sequence Current Detection Method of High Impedance Faults Using Distortion Waveform in Distribution Networks	Thailand
	Power Protection and Quality 2	P02818	APPEEC75	Watcharin Srirattanawichaikul	Classification Methods for Recognition of Power Quality Disturbances in Distribution Networks using Artificial Neural Network	Thailand
	Power Protection and Quality 2	P02847	APPEEC76	Masaaki Komatsu	Stability Management and Design for DC Electric Power Network and Systems	Thailand
	Power Protection and Quality 2	P02936	APPEEC77	Cheten Tshering	Criteria Setting of Overcurrent Relay Coordination of Substation in Bhutan interconnected to the infinite Indian Grid	Bhutan
	Power Protection and Quality 2	P03198	APPEEC78	Masaaki Komatsu	Stability Management and Design for DC Electric Power Network and Systems	Thailand
17	Energy Market and Policy 1	P02856	APPEEC79	Thipwan Fangsuwannaruk	Energy Trading Strategies Based On Auction Theory by Using DIgSILENT Power Factory Software	Thailand
	Energy Market and Policy 1	P02858	APPEEC80	Quan Ding	Research on the Decomposition of Medium-Long Term Contracts for Micro-grid Users in Electricity Market Environment	China
	Energy Market and Policy 1	P02912	APPEEC81	Nopbhorn Leeprechanon	Cooperative management model for an overlaping distribution network area - Part I: Problem formulation	Thailand
	Energy Market and Policy 1	P02914	APPEEC82	Nopbhorn Leeprechanon	Introducing demand-side renewable portfolio standard regulation for the building sector: A case of Thailand	Thailand
	Energy Market and Policy 1	P02830	APPEEC83	Maya.P	Design and Development of P2P Negawatt Trading DApp with Blockchain	Thailand
	Energy Market and Policy 1	P02915	APPEEC84	Nopbhorn Leeprechanon	The approach to implementing policies for achieving carbon neutrality and net-zero emissions in the building sector in Thailand	Thailand
18	Energy Market and Policy 2	P02923	APPEEC85	Keerti Rawal	Load Uncertainty-Aware Economic Dispatch	Indian
	Energy Market and Policy 2	P02941	APPEEC86	Nopbhorn Leeprechanon	The Design of Unbundling in the Distribution Power Sector to Implement the Policy of Third Party Access (TPA) in Thailand	Thailand
	Energy Market and Policy 2	P03132	APPEEC87	Danhu Li	Renewable Energy Power's Investment and Production Strategy for Cost-sharing Centralized Noncooperative Game Model of Power Sales with Power Grid's Risk Avoidance	China
	Energy Market and Policy 2	P03146	APPEEC88	Piyapong	Analysis of Financial Gain and Loss of P2P Energy Trading Models in the Metropolitan Electricity Authority Area	Thailand
	Energy Market and Policy 2	P03204	APPEEC89	Jesse Thornburg	Peer-to-Peer Electricity Trading: A Policy Approach for Rwanda	Rwanda
19	Power System Dynamic and Control 3	P02839	APPEEC90	Thongchart Kerdphol	Analysis of Synchronizing Power-based Synchrophasor for Real-Time Inertia Estimation	Thailand
	Power System Dynamic and Control 3	P03187	APPEEC91	Shuheng Chen	Design Power System Stabilizer Based on Transient Energy Flow Theory	China
	Power System Dynamic and Control 3	P03218	APPEEC92	Jin Kwon Hwang	Generator Inertia Estimation in the Frequency Domain Using Ambient Data of the Rotor Speed and Electrical Power	Korea
	Power System Dynamic and Control 3	P03243	APPEEC93	Anurak Choeichum	Automatic Transfer System for the Energy Management in PEA	Thailand
20	FACTS and Power Electronics	P02781	APPEEC94	Qi Zhou	Analysis of Constant Frequency Quasi-Resonant Double ZVS Boost Converter using State-Plane Diagram	Thailand
	FACTS and Power Electronics	P02838	APPEEC95	Somboon Sooksatra	Four-Quadrant Supply using Buck-Boost Converter with Common Ground and Non-Isolation	Thailand
	FACTS and Power Electronics	P02842	APPEEC96	Wanchai Subsingha	State-Plane Diagram Analysis of Series Resonant Converter used for Wireless EV Battery Charging	Thailand
	FACTS and Power Electronics	P02855	APPEEC97	Sarawut Janpong	PWM Current Programmed Control Technique via Non-inverting Boost-Buck Converter Control for Unity Power Factor	Thailand
	FACTS and Power Electronics	P03185	APPEEC98	Ba Djibeyrou	Transmission Network Expansion with Significant Wind Power Integration Considering Locational Marginal Price	Japan
	FACTS and Power Electronics	P03236	APPEEC99	Lei Shang	Grid-forming STATCOM With Energy Storage to Alleviate Temporary Overvoltage	China
21	Smart Grid and Smart City 2	P03209	APPEEC100	Umpiga Shummadtayar	A GIS-network analysis in Planning Location for Lampang Smart Mobility Hubs	Thailand
	Smart Grid and Smart City 2	P03210	APPEEC101	Phoowadech Wongsom	Systematic Literature Review: The Influential Factors of Pedestrian Streets Management; Case Studies of Secondary Provinces, Northern Thailand.	Thailand
	Smart Grid and Smart City 2	P03216	APPEEC102	Pawinee Iamtrakul	Driving Towards Sustainable Development: Advancing Stakeholder Engagement in Smart Mobility for Campus Towns in Thailand	Thailand
	Smart Grid and Smart City 2	P02863	APPEEC103	Piyadanai Pachanapan	A Centralised Fault Location, Isolation, and Service Restoration Approach for Rural Microgrid System using Reclosers and Sectionalizers	Thailand
	Smart Grid and Smart City 2	P03197	APPEEC104	Manat Boonthienthong	The Economic Analysis Consider Carbon Credit from Hybrid Solar Rooftop System	Thailand
	Smart Grid and Smart City 2	P03200	APPEEC105	Jiahu GUO	Early Fault Diagnosis of Medium Voltage Covered Conductor Overhead Lines	China
22	Smart Grid and Smart City 3	P02740	APPEEC106	Tatsuki Okuno	Evaluation of Impact on Voltage Regulation by Management of Electric Vehicle Charging in Japanese Actual Distribution Network Model	Japan
	Smart Grid and Smart City 3	P02754	APPEEC107	Allan Jay L. Baco	Data-Driven Fault Location for Uncovering the Unknown Outage by Calibrating ABB REF615 Relay Parameters for Fault Distance Accuracy	Philippines
	Smart Grid and Smart City 3	P02788	APPEEC108	Takumi Goto	Sustainable Vehicle-to-Home for Distribution System Restoration	Japan
	Smart Grid and Smart City 3	P02808	APPEEC109	Rang Li	Diagnosis Method of Relay Protection Strap Status Based on Human Factor Identification	China
	Smart Grid and Smart City 3	P02825	APPEEC110	Nichaphon wannasuya	Voltage Regulation using Adaptive Reactive Power Droop Control based on Available Capacity of Electric Vehicle Fast Charging Stations	Thailand
23	EV and Machine 2	P02787	APPEEC111	Qitao Yu	Multi-objective Optimization Design of High Power Density Embedded V-Type Permanent Magnet Synchronous Motor	China
	EV and Machine 2	P02805	APPEEC112	Vikram Cherala	Optimal Sizing and Adaptive Charging Strategy for the Battery Swapping Station	Indian
	EV and Machine 2	P02809	APPEEC113	Arnon Isaramongkolrak	Analysis a magnetic field while charging the electric vehicle under mobile phone operation by using finite element method	Thailand
	EV and Machine 2	P02812	APPEEC114	Can Berk Saner	Heuristic Methods for EV Charging Scheduling in Fast Charging Stations with Modular Architecture: A Comparative Analysis	Singapore
	EV and Machine 2	P02841	APPEEC115	Manop Masomtob	Design and Analysis of a Liquid-Cooling Jacket with Multi-Models for the Synchronous Reluctance Motor of an Electric Motorcycle	Thailand
	EV and Machine 2	P03143	APPEEC116	Prachaya Nawajamtrakul	The conceptualization of a modular substation strategic for the impending proliferation of electric vehicles	Thailand
24	EV and Machine 3	P02791	APPEEC117	Qitao Yu	Multi-objective optimization design of high power density V-shaped rotor PMSM based on genetic simulated annealing algorithm (GSA)	China
	EV and Machine 3	P02859	APPEEC118	Varawut Kornsiriluk	The pilot project of EV charging management implemented in MEA's distribution power system	Thailand
	EV and Machine 3	P02962	APPEEC119	Shrimangalesh U.M	Electric vehicle prospects and network interaction	Indian
	EV and Machine 3	P03212	APPEEC120	Tatiana Santos Andrade	Plug-in fuel cell electric vehicles: Are they more cost-efficient than battery electric vehicles?	Sweden
	EV and Machine 3	P03214	APPEEC121	Sanjeet Kumar Nayak	Joint Optimization of Profit and Throughput of EV-Charging Station Integrated with PV and ESS	Indian
25	EV and Machine 4	P02737	APPEEC122	Chongrag Boonseng	Simple Techniques in Applying the Active Power Filter to Reduced Harmonics and Unbalanced Current Using the Step-Up Autotransformer Coupling	Thailand
	EV and Machine 4	P02784	APPEEC123	Wenju Yan	Design and Optimization of Hybrid Excitation Outer Rotor Switched Reluctance motors for Electric Vehicles Distributed Drive	China
	EV and Machine 4	P02865	APPEEC124	Theeraphong Srichiangsa	Analysis of Rotor Acceleration Speed and Vibrations in a High-Speed Single-Drive Bearingless Motor	Thailand
	EV and Machine 4	P02937	APPEEC125	Nuttapong Prapurt	Voltage Control of Single-Phase Self Excited Induction Generator Supplying Nonlinear Loads using Static VAR Compensator	Thailand
	EV and Machine 4	P03213	APPEEC126	Nimananda Sharma	Design and Evaluation of a High Bandwidth Machine Emulator	Sweden
	EV and Machine 4	P02844	APPEEC127	Krischonme Bhumkittipich	Optimal Placement of Electric Vehicle Quick Charging Station in a Distribution Network with Distributed Photovoltaic Systems	Thailand
26	EV and Machine 5	P02930	APPEEC128	Fares M'zoughi	Machine Learning-based OWC Diagnosis Using Real Measured Data from Wave Power Plants	Spain
	EV and Machine 5	P02947	APPEEC129	Payam Aboutalebi	Mitigating Undesirable Oscillatory Behavior in Barge-type Floating Offshore Wind Turbines through Oscillating Water Columns	Spain
	EV and Machine 5	P02954	APPEEC130	Vannak Vai	Development of a Distribution System Automation Laboratory for Research and Teaching at ITC: MATLAB GUI and SCADA	Cambodia
	EV and Machine 5	P03253	APPEEC131	Somporn Sirisumrannukul	Optimal Power Flow with Applications of PowerWorld Simulator and Genetic Algorithm	Thailand
	EV and Machine 5	P02946	APPEEC132	Jingyang Wu	A Novel Two-terminal Asynchronous Fault Location Method Based on Exchange Traveling Wave Information in Fault Section	China
27	Renewable Energy and System 1	P02854	APPEEC133	Yingqi Liang	Techno-economic Feasibility Analysis of Floating Photovoltaic Installation: A Singapore Case Study	Singapore
	Renewable Energy and System 1	P03167	APPEEC134	W.M.R.N. Wijethunga	Frequency Stability Analysis of Non-Conventional Renewable Integrated Power Systems	Sri Lanka
	Renewable Energy and System 1	P03183	APPEEC135	Shuheng Chen	Division-Relaxation-Correction Based Reactive Power Optimization in Distribution Network With Multi-types of Distributed Generators	China
	Renewable Energy and System 1	P03193	APPEEC136	Panida Thararak	Hybrid PV Installation Scheme with Optimal Design to Enhance PV System Performance	Thailand
	Renewable Energy and System 1	P03227	APPEEC137	Damrong Amorndechaphon	Soft-switched microinverter with active snubber for photovoltaic applications	Thailand
	Renewable Energy and System 1	P03228	APPEEC138	Muhammad Ahad Rahman Miah	Selection of the sustainable lightning protection technology for Solar PV system	Bangladesh
28	Renewable Energy and System 2	P02860	APPEEC139	Dae-Jin Kim	evelopment of a real-time based P-HIL simulator for evaluating the performance of the synthetic inertia control algorithm in wind turbines	Korea
	Renewable Energy and System 2	P02862	APPEEC140	Sai Pavan Polisetty	Optimal Scheduling of Electrical and Thermal Systems with Storages and Flexible Loads	United Kingdom
	Renewable Energy and System 2	P02877	APPEEC141	Jirawadee Polprasert	Solving Economic Dispatch Considering Solar Power Generation by using Particle Swarm Optimization (PSO)	Thailand
	Renewable Energy and System 2	P02903	APPEEC142	YunHyuk Choi	Optimizing Smart Inverter Performance for Reliable Voltage Recovery in Korean Power Systems	Korea
	Renewable Energy and System 2	P02927	APPEEC143	Erison R. Peñaflor	Optimal Siting of Battery Energy Storage System with Multiple PVDG Penetration Levels Considering the Duck Curve Phenomenon	Philippines
	Renewable Energy and System 2	P02931	APPEEC144	Muhammad Sarim	GRID INTEGRATION STUDIES OF MULTI-MACHINE HYBRID SYSTEM IN THE PRESENCE OF A SOLAR (PV) SYSTEM	Pakistan
29	Renewable Energy and System 3	P02760	APPEEC145	Dongho Lee	Simulation of an integrated electricity-gas system with changing load using Python	Korea
	Renewable Energy and System 3	P02771	APPEEC146	Luis Antonio Garcia Gutierrez	Multi-Energy Modeling Approach for Photovoltaic Panels: Integration of Optical, Thermal and Electrical Interactions	France
	Renewable Energy and System 3	P02772	APPEEC147	Luis Antonio Garcia Gutierrez	Mathematical Modeling of the Synergistic Relationship between Green Roofs and Photovoltaic Panels for Improved Energy Production	France
	Renewable Energy and System 3	P03244	APPEEC148	Mostafa Shaaban	A Comprehensive Approach to Energy Management in Smart Cities Across Different Sectors	United Arab Emirates
	Renewable Energy and System 3	P02861	APPEEC149	Sakdawut Boontua	Cascaded H-Bridge Multilevel Inverter with Reactive-Power Compensation for Single-Phase Grid-Connected System	Thailand
	Renewable Energy and System 3	P02910	APPEEC150	Pankaj Kumar Jha	Implementation of Special Protection Scheme Using GOOSE to Relieve Transmission Congestion in Renewable Energy Pockets of Northern Regional Grid of India.	Indian
30	Renewable Energy and System 4	P02741	APPEEC151	Tanit Menaneatra	Optimal RE Hybrid with Electric Vehicle Charging Station in Thailand Distribution System Considering Bus Voltage and Line Capacity Limits	Thailand
	Renewable Energy and System 4	P02755	APPEEC152	Mohammad AlMuhaini	Renewable Energy Sources Contribution to Short Circuit Current	Saudi Arabia
	Renewable Energy and System 4	P02782	APPEEC153	Neelima Tambey	Impact of Higher Renewable Penetration in Small Islanded System - Case Study	Indian
	Renewable Energy and System 4	P02820	APPEEC154	Eun Ho Kim	Development of a Semi-permanently Usable Self-powered Beacon System	Korea
	Renewable Energy and System 4	P02853	APPEEC155	Yi Cui	Solar Farm Pre-Commissioning Platform for Accelerating Renewable Energy Integration	Australian
31	AI for Energy System 1	P02730	APPEEC156	Vanhkham Kongpaseuth	Nam Theun 2 Hydropower Plant Energy Prediction Using Artificial Neural Network and Genetic Algorithm	Thailand
	AI for Energy System 1	P02739	APPEEC157	Seyyed Mahdi Noori Rahim Abadi	Behind-the-Meter Solar Disaggregation: The Value of Information	Australian
	AI for Energy System 1	P02774	APPEEC158	Madhawa Herath	Appliance Anomaly Detection as an Extension of Non-Intrusive Load Monitoring	Sri Lanka
	AI for Energy System 1	P02775	APPEEC159	Nirasha Herath	An Image-Based Disaggregation Study of Time Series Energy Data Using Gramian Angular Field	Canada
	AI for Energy System 1	P03252	APPEEC160	Somporn Sirisumrannukul	Unbalanced Power Flow Using Artificial Neural Network with Pytorch	Thailand
32	AI for Energy System 2	P02768	APPEEC161	Chawalit Jeenanunta	Fuzzy Mixed-Integer Linear Programming for Daily Unit Commitment with Pumped Storage Hydropower (PSH), EV Charging Demand, and Solar PV Supply	Thailand
	AI for Energy System 2	P02794	APPEEC162	Chawalit Jeenanunta	Rule-based Classification and Outlier Replacement for Daily Electricity Load Forecasting	Thailand
	AI for Energy System 2	P02800	APPEEC163	Chawalit Jeenanunta	Nationwide Energy and Peak Demand Forecasting: A Case Study in Thailand	Thailand
	AI for Energy System 2	P02832	APPEEC164	Vijayalakshmi Kaliyamoorthy	Enhancing predictive accuracy for air conditioner virtual energy storage capacity using error distribution modeling	Indian
	AI for Energy System 2	P02845	APPEEC165	Surachai Chaitusaney	Machine Learning–Based Solar Cell Anomaly Detection using Discrete Wavelet Transform and Convolutional Neural Network	Thailand
	AI for Energy System 2	P03134	APPEEC166	Naris Chattranont	Fault Classification from Dissovled Gas Analysis Results Using Machine Learning	Thailand
33	AI for Energy System 3	P03169	APPEEC167	pornchai chaweewat	Solar photovoltaic rooftop detection using satellite imagery and deep learning	Thailand
	AI for Energy System 3	P03172	APPEEC168	Pairote Thurakit	Explainable deep learning models for smart meter data	Thailand
	AI for Energy System 3	P03192	APPEEC169	Benoit Delinchant	Lightweight hybrid local PV short term forecasting using both physics and data	France
	AI for Energy System 3	P03217	APPEEC170	Rahul Satheesh	Analyzing Dominant oscillatory modes in power system using unidirectional and bidirectional LSTM Techniques	Indian
	AI for Energy System 3	P03219	APPEEC171	Ronald R. Cabaoig	A Comparative Study of Training Datasets for Learning-based AC Optimal Power Flow in Distribution Systems	Philippines
34	AI for Energy System 4	P02878	APPEEC172	Jirawadee Polprasert	Data Analytics for Solar Energy Tracking System	Thailand
	AI for Energy System 4	P02786	APPEEC173	Burak Dindar	TSO-DSO Interaction: Privacy-Preserving Optimal Power Flow with Distributed Generators Using a Machine Learning-Based Approach	Germany
	AI for Energy System 4	P02904	APPEEC174	Bing Li	Underwater Target Detection Based on Improved Cascade R-CNN	China
	AI for Energy System 4	P03141	APPEEC175	Krit Paiboonrattanakorn	Optimal Substation Placement Using Geo-Analysis Simulation Method	Thailand
	AI for Energy System 4	P03250	APPEEC176	Ongorn Rattananatthawon	Forecasting Solar PV Energy Production with a Multilayer CNN-BiLSTM Hybrid Approach	Thailand
35	Distribution System and Technology 1	P02756	APPEEC177	Mohammad AlMuhaini	Assessment of Grounding Grid of HV Substation in Terms of Reliability, Economy, and Safety Circuit Current	Saudi Arabia
	Distribution System and Technology 1	P02821	APPEEC178	Theerayod Wiangtong	The Study of Partial Discharge Test on Service-Aged Cable Termination	Thailand
	Distribution System and Technology 1	P02827	APPEEC179	Chaowanan Jamroen	A Geographic Information System to Estimate Aerator Power and Energy Use in Shrimp Farming	Thailand
	Distribution System and Technology 1	P03135	APPEEC180	Phethai Nimsanong	Microstrip antenna design for on-line partial discharge measurement in load break switches	Thailand
	Distribution System and Technology 1	P03137	APPEEC181	Prechapol Laochu	Experiences of Partial Discharge Measurement on HV Cable In MEA Thailand	Thailand
36	Distribution System and Technology 2	P02764	APPEEC182	Titichaya Thanamitsomboon	Copper Tape Circuit: A Novel Approach for Teaching Circuit Design in STEAM Education	Thailand
	Distribution System and Technology 2	P02948	APPEEC183	Vannak Vai	Service Restoration in the Distribution System with Voltage Control Devices using Improved Sequential Opening Branches (ISOB)	Cambodia
	Distribution System and Technology 2	P03140	APPEEC184	Satrirut Jumpeerut	Fuse Switch Disconnector Application in MEA's Low -Voltage System	Thailand
	Distribution System and Technology 2	P03201	APPEEC185	Poonsri Wannakarn	Power Distribution System Improvement Considering Damage Cost Due to Voltage Sags	Thailand
	Distribution System and Technology 2	P03223	APPEEC186	Siti Rohana Majid	Enhanced Electrochemical Properties of Bimetallic-Organic Frameworks (BMOF) as Electrodes for Electrochemical Capacitor Applications	Malaysia
37	Distribution System and Technology 3	P02752	APPEEC187	Koto Watanabe	Effectiveness of Load and Photovoltaic Current Separation Function of Grid Control System in Determining SVR Control Parameters	Japan
	Distribution System and Technology 3	P02907	APPEEC188	Ashish Paramane	Automated Space Charge Detection Inside XLPE HVDC Cable Insulation Employing Customized Convolutional Neural Network	Indian
	Distribution System and Technology 3	P02965	APPEEC189	Ruben Inzunza	Performance of low voltage coupled Grid forming ESS and Grid following PV under weak grid conditions	Japan
	Distribution System and Technology 3	P03138	APPEEC190	Asawin Rajakrom	Experiences Of VLF Tan Delta Test On MV Cables In MEA Underground Project Area	Thailand
	Distribution System and Technology 3	P03189	APPEEC191	Supawud Nedphokaew	Analysis of Electric Field Distribution on Primary Windings of High-frequency High-frequency Transformers with Variables Characteristics	Thailand