



## Poster Sessions Agenda Overview

China Standard Time

Date	No.	Session	Paper ID	Paper Title
<b>Poster Session 1: Energy Systems &amp; Energy Storage Technologies</b> <b>10:00-12:00</b>				
July. 8	01	Posterl Session 1: Energy Systems & Energy Storage Technologies	2063	Operation Optimization of Active Distribution Network Considering Linearized Power Flow Constraints
July. 8	02	Posterl Session 1: Energy Systems & Energy Storage Technologies	2648	A V2G Schedulable Capacity Evaluation Method for Residential Quarters with A High Proportion of EVs
July. 8	03	Posterl Session 1: Energy Systems & Energy Storage Technologies	3240	A Sliding Model Control Strategy of Buck Converter in Photovoltaic Hydrogen Production System
July. 8	04	Posterl Session 1: Energy Systems & Energy Storage Technologies	5681	Research on the pricing mechanism of wheeling cost suitable for distributed generation
July. 8	05	Posterl Session 1: Energy Systems & Energy Storage Technologies	8827	Distributed photovoltaic power forecast methods: a review
July. 8	06	Posterl Session 1: Energy Systems & Energy Storage Technologies	8896	Multi-time Scale Optimal Power Flow Strategy for DC Distribution Network Based on Model-driven
July. 8	07	Posterl Session 1: Energy Systems & Energy Storage Technologies	1297	A Simple Average Current Sampling Method for Three-Phase Interleaved Three-Level DC-DC Converter
July. 8	08	Posterl Session 1: Energy Systems & Energy Storage Technologies	2920	A review of estimation methods for the state of energy of lithium batteries for electric vehicles
July. 8	09	Posterl Session 1: Energy Systems & Energy Storage Technologies	6565	Development of a steady-state model of a district heating system based on heat current method
July. 8	10	Posterl Session 1: Energy Systems & Energy Storage Technologies	8249	The thin film evaporation of R32/ R600 mixture: A molecular dynamic simulation
July. 8	11	Posterl Session 1: Energy Systems & Energy Storage Technologies	8957	Voyage Optimization for Swappable Battery-powered Inland Containerships: Considering Heterogenous Flow Velocity and Multi-battery Swapping
July. 8	12	Posterl Session 1: Energy Systems & Energy Storage Technologies	3783	Research on Carbon Emission Monitoring Indicator System of Power Users
July. 8	13	Posterl Session 1: Energy Systems & Energy Storage Technologies	4721	Dynamic Characteristics Simulation of Medium Voltage DC Off-grid Hydrogen Production System
July. 8	14	Posterl Session 1: Energy Systems & Energy Storage Technologies	6475	Low-carbon Economic Dispatch of Park-level Integrated Energy System Considering Carbon Trading and Flexible Response of Supply Side



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Date	No.	Session	Paper ID	Paper Title
July. 8	15	PosterI Session 1: Energy Systems & Energy Storage Technologies	7032	Hybrid power systems for vessels with lithium-ion battery system: an application case
July. 8	16	PosterI Session 1: Energy Systems & Energy Storage Technologies	8250	Assessing the Utilization of Clean Power in Megacities through an AHP-based Approach
July. 8	17	PosterI Session 1: Energy Systems & Energy Storage Technologies	8386	Anomaly Detection of Wind Turbine Generator Based on LSTM and Kshape Clustering
July. 8	18	PosterI Session 1: Energy Systems & Energy Storage Technologies	425	Research on Secondary Frequency Regulation of Thermal Power Unit Assisted by PV Storage System
July. 8	19	PosterI Session 1: Energy Systems & Energy Storage Technologies	2072	Convex Relaxation of Non-Isothermal Optimal Power and Gas Flow
July. 8	20	PosterI Session 1: Energy Systems & Energy Storage Technologies	2650	Study on Energy Power Supply and Demand Early Warning System
July. 8	21	PosterI Session 1: Energy Systems & Energy Storage Technologies	4518	Integrating power to hydrogen in a virtual power plant: a cost-benefit analysis
July. 8	22	PosterI Session 1: Energy Systems & Energy Storage Technologies	4824	A Two-stage Robust Scheduling Optimization of an Energy Hub with Multiple Chance Constraints
July. 8	23	PosterI Session 1: Energy Systems & Energy Storage Technologies	6168	Robust optimal framework of carbon capture, storage and utilization in a microgrid with power to gas facilities
July. 8	24	PosterI Session 1: Energy Systems & Energy Storage Technologies	6506	Integrated Energy System Multi-Horizon Investment Optimization Considering Grid and Renewable Constraints
July. 8	25	PosterI Session 1: Energy Systems & Energy Storage Technologies	6783	Research on Orderly Charging of Electric Vehicles Considering Renewable Energy Consumption
July. 8	26	PosterI Session 1: Energy Systems & Energy Storage Technologies	9617	Multi-objective optimal operation model of customer-side integrated energy system
July. 8	27	PosterI Session 1: Energy Systems & Energy Storage Technologies	9950	Identification of vulnerable components link in electric-gas coupling integrated energy system based on maximum flow theory
July. 8	28	PosterI Session 1: Energy Systems & Energy Storage Technologies	9966	Multi-objective Optimization of Source-Grid-Load-Storage Coordination Considering Virtual Energy Storage
July. 8	29	PosterI Session 1: Energy Systems & Energy Storage Technologies	414	Design and Simulation of Islanded Voltage Stabilization in Wind Power, Photovoltaic, and Energy Storage Microgrids



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Date	No.	Session	Paper ID	Paper Title
July. 8	30	PosterI Session 1: Energy Systems & Energy Storage Technologies	772	Energy management and capacity allocation optimization of urban rail energy storage system based on multi-objective grasshopper algorithm
July. 8	31	PosterI Session 1: Energy Systems & Energy Storage Technologies	1539	Optimal Configuration of Long-Duration Hydrogen Energy Storage for High Proportion New Energy Power System
July. 8	32	PosterI Session 1: Energy Systems & Energy Storage Technologies	2701	Bidding Strategy of Energy Storage Clusters facing high penetration New Energy Sources
July. 8	33	PosterI Session 1: Energy Systems & Energy Storage Technologies	3301	Model Predictive-Based Load Frequency Control Considering Hybrid Pumped-Battery Storages
July. 8	34	PosterI Session 1: Energy Systems & Energy Storage Technologies	3479	Full topology simulation model and control strategy for photovoltaic system and energy storage system under new power system
July. 8	35	PosterI Session 1: Energy Systems & Energy Storage Technologies	3684	Discussion on Performance of Several Typical Capacitive Equalization Topologies under Different SOC Distributions
July. 8	36	PosterI Session 1: Energy Systems & Energy Storage Technologies	4366	A Optimal Multi-mode Power Allocation Strategy for Fuel Cell/Battery System Based on Particle Swarm Optimization
July. 8	37	PosterI Session 1: Energy Systems & Energy Storage Technologies	5511	Optimal Capacity Configuration of Hydrogen Storage Systems Connecting the Electricity-Heat Network
July. 8	38	PosterI Session 1: Energy Systems & Energy Storage Technologies	8118	Review on energy storage participation in capacity configuration and scheduling optimization in modern power system
July. 8	39	PosterI Session 1: Energy Systems & Energy Storage Technologies	2160	Energy management strategy for fuel cell vehicle based on working condition identification
July. 8	40	PosterI Session 1: Energy Systems & Energy Storage Technologies	7702	Research on Torque Control Current Injection Method of PMSM in Flywheel Energy Storage Based on Electromagnetic-thermal Bidirectional Coupling Numerical Method
July. 8	41	PosterI Session 1: Energy Systems & Energy Storage Technologies	9836	Improved Gated Recurrent Unit Network with Sparrow Search Algorithm for Lithium-ion Battery State of Health Estimation
July. 8	42	PosterI Session 1: Energy Systems & Energy Storage Technologies	8315	Estimation of State-of-health for Lithium-ion Battery Based on Increment Capacity Analysis Method and Long Short-term Memory Neural Network
July. 8	43	PosterI Session 1: Energy Systems & Energy Storage Technologies	5749	Estimation of State-of-health for Lithium-ion Battery Based on Increment Capacity Analysis Method and Long Short-term Memory Neural Network



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Date	No.	Session	Paper ID	Paper Title
<b>Poster Session 2: Renewable Energy Integration</b>				
<b>14:00-17:00</b>				
July. 8	01	PosterI Session 2: Renewable Energy Integration	254	An IGBT Device Health Status Assessment Method Considering the Influence of Operating Conditions
July. 8	02	PosterI Session 2: Renewable Energy Integration	804	Comprehensive Cost-Benefit Assessment of Offshore Wind Power Based on Improved VIKOR Method
July. 8	03	PosterI Session 2: Renewable Energy Integration	4193	Remote sensing-based estimation of potential solar PV power output considering the effects of high temperature, dust and precipitation: Case of the Philippines
July. 8	04	PosterI Session 2: Renewable Energy Integration	5350	Outdoor Performance Analysis of Mono-Si and Poly-Si Solar PV Panels in the Philippines
July. 8	05	PosterI Session 2: Renewable Energy Integration	5677	Techno-Economic Evaluation of Horizontal Axis Tidal Stream Turbines in San Bernardino Strait, Philippines
July. 8	06	PosterI Session 2: Renewable Energy Integration	7028	Review of Research on New Energy Ramp Events
July. 8	07	PosterI Session 2: Renewable Energy Integration	9345	Relative Health Status Assessment and Power Allocation of Wind Turbines Based on SSA Optimized VMD
July. 8	08	PosterI Session 2: Renewable Energy Integration	9443	Research on Emergency Assessment and Recovery Strategy of Highway Energy System Based on Earthquake Disaster Scenario
July. 8	09	PosterI Session 2: Renewable Energy Integration	153	Dynamic Voltage Support Capability Assessment of Distributed Generators in Microgrid
July. 8	10	PosterI Session 2: Renewable Energy Integration	1427	Calculation of Errors in Current Transformer with DC Magnetic Bias
July. 8	11	PosterI Session 2: Renewable Energy Integration	6981	Distribution network reliability analysis under large-scale photovoltaic access
July. 8	12	PosterI Session 2: Renewable Energy Integration	7731	Nonlinear Model Order Reduction Method of PMSG-based Wind Farm for Large Disturbance
July. 8	13	PosterI Session 2: Renewable Energy Integration	8387	Control Strategy For A Two-stage PV Grid-side Inverter With Active Participation In Frequency Regulation
July. 8	14	PosterI Session 2: Renewable Energy Integration	9517	A new generation cost analysis method of high renewable penetration power grid



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Date	No.	Session	Paper ID	Paper Title
July. 8	15	PosterI Session 2: Renewable Energy Integration	996	An Extended SFR Model of Offshore Wind Farm Integrated by VSC-HVDC for Frequency Support
July. 8	16	PosterI Session 2: Renewable Energy Integration	2326	Single-Phase Grid-connection Inverter Control Strategy Based on Echo State Network
July. 8	17	PosterI Session 2: Renewable Energy Integration	2389	Hosting capacity quantification of smart PV inverters in distribution networks based on difference-of-convex programming
July. 8	18	PosterI Session 2: Renewable Energy Integration	2887	A novel cooperative strategy of virtual power plant for energy and peak regulating market
July. 8	19	PosterI Session 2: Renewable Energy Integration	2925	Wind Turbine Blade Damage Detection Based on the Improved YOLOv5 Algorithm
July. 8	20	PosterI Session 2: Renewable Energy Integration	3166	Configuration Optimization Methods for the Energy Storage Capacity of Wind, Photovoltaic, Hydrogen and Energy Storage Off-Grid Systems with Stability and Economy
July. 8	21	PosterI Session 2: Renewable Energy Integration	3455	The Management Framework for Energy Crisis & Shaping Future Energy Outlook in Pakistan
July. 8	22	PosterI Session 2: Renewable Energy Integration	4139	Chance-constrained Scheduling for Wind-Hydrogen System with Bilateral Contract Decomposition, Day-Ahead Market Bidding and Hydrogen Production
July. 8	23	PosterI Session 2: Renewable Energy Integration	4494	Comprehensive evaluation of photovoltaic power prediction error based on TOPSIS considering the influence of cloud motion
July. 8	24	PosterI Session 2: Renewable Energy Integration	5315	Study on Operation Mechanism of Balancing Market in Germany and Its Enlightenment for China
July. 8	25	PosterI Session 2: Renewable Energy Integration	5383	Voltage/Frequency Control Based on Adaptive Sliding Mode Control in Off-Grid Photovoltaic Systems
July. 8	26	PosterI Session 2: Renewable Energy Integration	5479	Collaborative Line-Transformer Relationship Identification Based on Shapelet Transformation in IoT
July. 8	27	PosterI Session 2: Renewable Energy Integration	5693	A priority scheduling strategy of a microgrid using a deep reinforcement learning method
July. 8	28	PosterI Session 2: Renewable Energy Integration	5863	Research on combination strategy of distributed energy resources based on cooperative game
July. 8	29	PosterI Session 2: Renewable Energy Integration	7040	Active Support Control Strategy for Wind-Storage Power Generation Based on Virtual Oscillation Controller



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Date	No.	Session	Paper ID	Paper Title
July. 8	30	PosterI Session 2: Renewable Energy Integration	8035	Bipolar DC Microgrid Operation Considering Paralleled Voltage Balancers and Virtual Voltage Balancers
July. 8	31	PosterI Session 2: Renewable Energy Integration	8504	A Borden Cable-Based Energy Harvester for Low-Frequency Rotary Motion
July. 8	32	PosterI Session 2: Renewable Energy Integration	8925	Space charge ellipsometry detection method for the multi-energy conversion equipment insulation evaluation
July. 8	33	PosterI Session 2: Renewable Energy Integration	9018	Decentralized Model Predictive Voltage Control for Distributed Generation Clusters of Power systems
July. 8	34	PosterI Session 2: Renewable Energy Integration	9298	Cluster Dynamic Partitioning Strategy Based on Distributed Photovoltaic Output Prediction and Improved Clustering Algorithm
July. 8	35	PosterI Session 2: Renewable Energy Integration	5321	Optimal dispatching considering the participation of flexible resources on the load side in deep peak regulation market
July. 8	36	PosterI Session 2: Renewable Energy Integration	3061	Construction Scheme and Operation Simulation Analysis of Hybrid AC-DC Distribution Networks with High-Proportion Photovoltaics
July. 8	37	PosterI Session 2: Renewable Energy Integration	8934	Feature Extraction of PV Output for Optimal Design of a PV-ES Combined System
July. 8	38	PosterI Session 2: Renewable Energy Integration	9339	Short-term Power Prediction for Centralized Photovoltaic Plants Based on LSTM-Attention
July. 8	39	PosterI Session 2: Renewable Energy Integration	2935	Short-term Photovoltaic Power Prediction Based on Similar-day Clustering and Multi-layer Perception
July. 8	40	PosterI Session 2: Renewable Energy Integration	7181	Planning of Energy Hub in PIES Considering the Energy Consumption Regulation of Logistics System
July. 8	41	PosterI Session 2: Renewable Energy Integration	7428	Transformer State Data Cleaning Method Based on DBSCAN and ESN
July. 8	42	PosterI Session 2: Renewable Energy Integration	5348	Thermal-Hydro-Renewable Joint Stochastic Dispatch Considering Hydro Unit Forbidden Zones and Renewable Curtailments

**Poster Session 3: Smart Grid**  
**10:00-12:00**



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Date	No.	Session	Paper ID	Paper Title
July. 9	01	Poster  Session 3: Smart Grid	393	Analysis of Small Disturbance Synchronization Stability of Grid-connected Side of Energy Router Based on VSG
July. 9	02	Poster  Session 3: Smart Grid	5783	Accounting for carbon emission factors measured by electricity users with proportional power flow tracking considering industry characteristics
July. 9	03	Poster  Session 3: Smart Grid	8885	Implement of Local Trip Detection and Intelligent Repower Method of Smart Meters
July. 9	04	Poster  Session 3: Smart Grid	9629	Research on Recovery Strategy of Wind Turbine Speed Considering Wind Speed Fluctuation
July. 9	05	Poster  Session 3: Smart Grid	593	An Island Partition Method for New Distribution Network
July. 9	06	Poster  Session 3: Smart Grid	1757	Hybrid double deep Q network for active distribution network equivalent modeling
July. 9	07	Poster  Session 3: Smart Grid	4203	Study on the Control Strategy of Input-Series Output-Parallel Phase-Shifted Full Bridge Converter Based on Virtual DC Motor
July. 9	08	Poster  Session 3: Smart Grid	4461	Economic Operation of CCHP Microgrid With Heat Pump and Energy Storage
July. 9	09	Poster  Session 3: Smart Grid	4517	A Source-Load Coordinated Control Strategy in An Industrial Aluminum Production Microgrid for Smoothing Wind Power Fluctuations
July. 9	10	Poster  Session 3: Smart Grid	8931	Research on Stability Control of Microgrid Based on Improved High-order Sliding Mode Super Twisting Algorithm
July. 9	11	Poster  Session 3: Smart Grid	9423	Demand Response Control of Aggregated HVACs for Providing Peak-shaving Services Considering Diversified User Requirements
July. 9	12	Poster  Session 3: Smart Grid	230	Optimization of ideal transformer interface algorithm based on low-pass filter
July. 9	13	Poster  Session 3: Smart Grid	733	A Convolutional Neural Network Model-Based Approach for Multi-Fault Diagnosis of Asynchronous Motors
July. 9	14	Poster  Session 3: Smart Grid	884	Adjustable Potential Evaluation of Massive Flexible Load Resources from the Perspective of CPS



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Date	No.	Session	Paper ID	Paper Title
July. 9	15	PosterI Session 3: Smart Grid	1377	On Cyber-resilient Microgrid: A Variable Trust Protocol Based Control Strategy
July. 9	16	PosterI Session 3: Smart Grid	1642	Load Aggregation Method for Electric Vehicle Based on SOM Neural Network Clustering
July. 9	17	PosterI Session 3: Smart Grid	2554	A Chinese word segmentation model for SCD text in smart grid station: An Attention-BiLSTM-CRF approach
July. 9	18	PosterI Session 3: Smart Grid	2694	Research on Network Security Defense in Depth Technology in Cross-Regional Power Transmission Grid
July. 9	19	PosterI Session 3: Smart Grid	2850	Data-driven Stability Assessment for New Power Systems: Typical Characteristics, Research Framework and Future Prospects
July. 9	20	PosterI Session 3: Smart Grid	2855	Probabilistic Forecasting of Electric Vehicle Charging Load using Composite Quantile Regression LSTM
July. 9	21	PosterI Session 3: Smart Grid	3125	Innovative Exploration of Standard Digital Transformation in the Power Field: A New Mode of Blockchain Cooperation on and off the Chain
July. 9	22	PosterI Session 3: Smart Grid	3380	Current transformer saturation detection and compensation correction technology based on intelligent algorithm
July. 9	23	PosterI Session 3: Smart Grid	3697	Time series prediction of transformer oil chromatography based on Attention-PSO-GRU model
July. 9	24	PosterI Session 3: Smart Grid	3750	Short-term Load Prediction Based on Typical Daily Feature Selection and Time Convolutional Neural Network
July. 9	25	PosterI Session 3: Smart Grid	3876	A Communication Capability Enhancement Scheme for Power Load Management System Based on 5G Backhaul Technology
July. 9	26	PosterI Session 3: Smart Grid	4799	Optimal Battery Swapping and Charging Strategy Considering On-site Solar Generation
July. 9	27	PosterI Session 3: Smart Grid	5282	Short-term Load Forecast Based on Feature Reconstruction and Bidirectional LSTM
July. 9	28	PosterI Session 3: Smart Grid	5896	Dynamic Load Forecasting With Adversarial Domain Adaptation Based LSTM Neural Networks
July. 9	29	PosterI Session 3: Smart Grid	5988	Short-term load forecast based on similar daily retrieval and deep learning





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Date	No.	Session	Paper ID	Paper Title
July. 9	30	PosterI Session 3: Smart Grid	7042	Coordinated Charging of Electric Vehicle Group using Smart Meters
July. 9	31	PosterI Session 3: Smart Grid	7858	Information-Flow-Based Cyber-Physical Power System Unified Modeling and Analysis for Automation Applications in Power Systems
July. 9	32	PosterI Session 3: Smart Grid	8055	Multi-objective optimization of hybrid energy storage economy and frequency stability considering energy storage regulation ability
July. 9	33	PosterI Session 3: Smart Grid	8407	Generative Data-driven Modeling of Aggregated Demand Curve in Day-ahead Market
July. 9	34	PosterI Session 3: Smart Grid	8830	Time Series Data Augmentation Algorithm Combining Deep Metric Learning and Variational Encoder
July. 9	35	PosterI Session 3: Smart Grid	4080	Resilience Enhancement of Power Distribution System Under Extreme Weather Events: A Review
July. 9	36	PosterI Session 3: Smart Grid	5154	Linear Programming Method of Dynamic Fault Restoration for Distribution Network Considering Balanced Node
July. 9	37	PosterI Session 3: Smart Grid	7279	Multi-objective reconfiguration of wind-integrated distribution network considering network
July. 9	38	PosterI Session 3: Smart Grid	7881	Multi-Objective Reconfiguration of Distribution Network Based on Gardener Diagram Method

### Poster Session 4: Power System Engineering

14:00-17:00

July. 9	01	PosterI Session 4: Power System Engineering	2703	A Photovoltaic-Energy Storage Joint System Assisted Scheme for Seamless Closed-Loop Load Transfer
July. 9	02	PosterI Session 4: Power System Engineering	5840	Optimization of CPS control for double deep Q learning based on function regularization
July. 9	03	PosterI Session 4: Power System Engineering	5845	Research on Cooperative Control Algorithm Based on Distributed Multi-region Integrated Energy System
July. 9	04	PosterI Session 4: Power System Engineering	6519	Coordinated Design of Controller Parameters and Locating Optimization of Controller of Wind-thermal-bundled System



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Date	No.	Session	Paper ID	Paper Title
July. 9	05	PosterI Session 4: Power System Engineering	7379	Simulation study of excitation characteristics of trans-former considering DC bias magnetism
July. 9	06	PosterI Session 4: Power System Engineering	8757	Control strategy for Doubly-fed Induction Generator Considering Crowbar Activation Time
July. 9	07	PosterI Session 4: Power System Engineering	957	Research on multi-microgrid distributed optimization operation method
July. 9	08	PosterI Session 4: Power System Engineering	1109	A Medium and Long Term Load Forecasting Method Based on BP Neural Network and S-shaped Curve Fitting
July. 9	09	PosterI Session 4: Power System Engineering	2393	Value-at-Risk measurement and case analysis of electricity consumption
July. 9	10	PosterI Session 4: Power System Engineering	2468	Optimal dispatch of multi-regional microgrids based on network topology considering economy and low active loss
July. 9	11	PosterI Session 4: Power System Engineering	2660	Research of Electromechanical-Electromagnetic Transient Hybrid Simulation System Based on Kubernetes
July. 9	12	PosterI Session 4: Power System Engineering	2879	Spot Market Risk Pre-control and Emergency Response Strategies for Carbon-neutral Target
July. 9	13	PosterI Session 4: Power System Engineering	3439	Study on the Decline of Voltage Blocking-up Ability of High Power Thyristors
July. 9	14	PosterI Session 4: Power System Engineering	4136	Bus load Prediction based on Subtraction Clustering and XGboost
July. 9	15	PosterI Session 4: Power System Engineering	4207	Power Supply Zonal Loads Prediction Considering Matching of Contact Line Characteristics Based on Deep Transfer Learning
July. 9	16	PosterI Session 4: Power System Engineering	4592	Multi-Timescale Coordinated Scheduling Approach for Active Distribution Network considering Wind Generation Correlation Analysis and improved MPC
July. 9	17	PosterI Session 4: Power System Engineering	7632	Bus Load Prediction Method Based on SSA-GRU Neural Network
July. 9	18	PosterI Session 4: Power System Engineering	9085	Suppression of low-frequency oscillations under different operation modes based on SVG additional POD
July. 9	19	PosterI Session 4: Power System Engineering	9257	A Multi-dimensional Indicator Synergistic Approach to The Evaluation of Equal-offer Collusion in Electricity Market



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Date	No.	Session	Paper ID	Paper Title
July. 9	20	PosterI Session 4: Power System Engineering	9702	Analysis of Influencing Factors and Risk Assessment of Grid Closing Based on EMD
July. 9	21	PosterI Session 4: Power System Engineering	873	Design of generation capacity cost recovery mechanism for the early stage development of new power system
July. 9	22	PosterI Session 4: Power System Engineering	1092	Research on Effective Asset Risk Assessment of Power Grid Enterprises Based on LBWA-Vague Set
July. 9	23	PosterI Session 4: Power System Engineering	1328	Economic analysis of the renovation of decommissioned thermal power unit to high inertia synchronous compensator
July. 9	24	PosterI Session 4: Power System Engineering	1777	PSO algorithm-based capacity optimization method for synchronous condensers
July. 9	25	PosterI Session 4: Power System Engineering	2993	A Method for Energy Supply Unit Partitioning in Multi-energy Distribution System Considering Flexible Adjustment Capability of Demand Response
July. 9	26	PosterI Session 4: Power System Engineering	3547	Optimization of Mechanical Properties of Insulation Materials for Dry-type Transformers
July. 9	27	PosterI Session 4: Power System Engineering	4497	Planning for Network Expansion Based on Prim Algorithm and Reinforcement Learning
July. 9	28	PosterI Session 4: Power System Engineering	6129	A capacity planning scheme based on Deep Temporal Clustering of 500kV main transformers
July. 9	29	PosterI Session 4: Power System Engineering	7030	Investigation and analysis of power load density for commercial buildings
July. 9	30	PosterI Session 4: Power System Engineering	7054	Analysis and Quantitative Models of Regulation Potential of Load-side Flexible Resources under Multiple Scenarios
July. 9	31	PosterI Session 4: Power System Engineering	7787	Analytical Model of the Impact of Carbon Market on Electricity Market under Green and Low Carbon Goals
July. 9	32	PosterI Session 4: Power System Engineering	8221	A Study on Mechanical Durability of Insulating Materials for Dry-type Transformers
July. 9	33	PosterI Session 4: Power System Engineering	2634	Research on Identification of Single-Phase Grounding Fault in Distribution Network
July. 9	34	PosterI Session 4: Power System Engineering	4780	Study On the Value Assessment Of Demand-side Resources Based on Grey Correlation Ideal Point Method



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Date	No.	Session	Paper ID	Paper Title
July. 9	35	PosterI Session 4: Power System Engineering	4802	Protection Analysis of Electron Cyclotron Resonance Heating System for Magnetic Confinement Fusion Experimental Facility
July. 9	36	PosterI Session 4: Power System Engineering	7489	A Low Group Delay Phasor Estimation Algorithm for Distribution Network
July. 9	37	PosterI Session 4: Power System Engineering	9444	Grounding Optimization Design of Integrated Grounding Device for Low and Medium Speed Maglev Trains
July. 9	38	PosterI Session 4: Power System Engineering	9522	Generator Self-excitation and System Over-voltage Calculation of Black Start in Power Grid
July. 9	39	PosterI Session 4: Power System Engineering	9579	Transformer fault detection based on SSA-BP neural network
July. 9	40	PosterI Session 4: Power System Engineering	2645	A Dynamic Equivalence Modelling Method for Wind Farms Considering Optimal Yaw Control Strategy
July. 9	41	PosterI Session 4: Power System Engineering	9209	A Control Strategy of Thermostatically Controlled Loads for Power System Frequency Regulation