| **NPSC 2018** | |
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| **DAY – 2 // 15.12.2018  05:00 pm - 07:30 pm // Venue - BARN Hall** | |
| **Paper ID** | **Title of the Paper** |
| 1570458174 | Modelling and Simulation of Digital Substation Automation for Inter-Substation Line Protection *Anuj Nichani; Swarup S* |
| 1570458850 | Superimposed Component-Based Protection Scheme for UPFC Compensated Transmission Lines *Sauvik Biswas; Paresh Kumar Nayak* |
| 1570458928 | Three State Kalman Filter based Directional Protection of Power Transformer *Dharmesh D Patel; Nilesh Gordhanbhai Chothani; Khyati Mistry; Maulik Raichura* |
| 1570459039 | Optimized Design of Earthing System for Substations with High Soil Resistivity and Limited Plot Area *Prudhvi Raj Bonda; Mahesh Kumar Mishra* |
| 1570459200 | Wavelet-based Auto-reclosing Technique for TCSC compensated lines connecting windfarm *Biswajit Sahoo; Subhransu Samantaray* |
| 1570468640 | Optimal PMU Placement Using Binary SOS Considering Measurement Redundancy and Channel Limitations *Soumesh Chatterjee; Biman Saharoy* |
| 1570468678 | Comparative Performance Analysis of Optimization Based Distribution System State Estimator With Varying Measurement Uncertainties *Rajarshi Dutta; Anamika Dubey; Saikat Chakrabarti; Ankush Sharma* |
| 1570470179 | Interactive Demand Response in a Locality of Smart Power System *Selvan M P; Hanumantha Rao B; Arun S L; Navya K* |
| 1570472894 | Hybrid Protection and Control System for Distribution Substations in Power Utilities, Industries and Infrastructure *Ganesh Kulathu Veeramoni; Janne Starck* |
| 1570474957 | A New Technique for Designing Restoration Based Reliable WAMS Structure *Phanendra Babu N V; P Suresh Babu; Rohini Krishna Chaitanya P* |
| 1570475092 | Incremental PMU placement based on depth of unobservability *Sanjay Kumar; Barjeev Tyagi; Vishal Kumar; Sunita Chohan* |
| 1570476592 | Impact Assessment of DG in Radial Distribution Networks *Arya Christy, C B; Savier J S* |
| 1570476655 | A New Protection Scheme for Three-Terminal Mutually Coupled Transmission Line *Pratik Dhopte; Snehal Unde; Sanjay Dambhare; Prashant Namdeo Gawande* |
| 1570476979 | A Methodology for Fault Detection and Classification using PMU Measurements *Amit Jain; Archana C; Mohapatra Bikash Sahoo* |
| 1570458566 | Multi-objective Load Scheduling in a Smart Grid Environment *Arindam Sadhukhan; S Sivasubramani* |
| 1570458595 | An Improved Droop Control Method to Enhance Dynamic Performance of AC Microgrid *Shirazul Islam; Souradip De; Sandeep Anand; Soumya Ranjan Sahoo* |
| 1570458904 | Feeder Voltage Dependent Distribution Network Reconfiguration for Loss Reduction *Shaziya Rasheed; Megha Gupta; Abhijit Abhyankar* |
| 1570459003 | Coordinated Charging of Electric Vehicles for Reducing Operation Cost under TOU Electricity Prices *Tanuj Rawat; K. Niazi* |
| 1570459019 | Profit based Self Scheduling of Virtual Power Plant under Multiple Locational Marginal Prices *Meenakshi Khandelwal; Parul Mathuria; Rohit Bhakar* |
| 1570467050 | Fuzzy GA based Multiobjective Methodology for DGs and Shunt Capacitors Placement in Distribution Networks *Srinivasa Rao Gampa; Debapriya Das* |
| 1570467456 | Performance Improvement of Dynamic Response for Parallel Operation of Inverters Under Line Impedance Mismatch *Naresh Vemula; Sanjoy Kumar Parid*a |
| 1570467927 | Robust Control based Energy Storage Stabilizers for Power Systems with Large Scale Renewables *Indla Priyamvada; Sarasij Das* |
| 1570468523 | Small Signal Stability Analysis of DFIG Penetrated Multi-machine Power System with Synthetic Inertia Control *Shivam Barot; Mahit Jain; Chintan R Mehta; Santoshkumar C Vora* |
| 1570468784 | An Optimal Accommodation of Distributed Generation in Power Distribution Systems *Kiran B; Sydulu Maheswarapu* |
| 1570468861 | Reliability Enhancement of Small and Medium Distribution System with Renewable Generations and Reclosers *Jeyaraj Senthil Kumar; Paramasivam Venkatesh; Sathia Samuel Charles Raja; Joseph Jeslin Drusila Nesamalar; Chinnasamy Palanichamy* |
| 1570470989 | A Droop Controlled Operation of Interlinking Converters for Power Sharing in Hybrid AC/DC Subgrids *Harikrishna M; Premalata Jena* |
| 1570472922 | Circulating Current Minimization and load sharing control of the DC Microgrid based on Optimal Droop parameters *Mr Shivam; Ratna Dahiya* |
| 1570473717 | Design, Fabrication and Electrochemical performance of Soluble Lead Redox-Flow Battery for Energy Storage *Shivangi Kosta; R Sneha; Kuldeep Rana* |
| 1570474533 | Battery Management System for DC Nanogrid *Sigi C Joseph; Venkatesan Chandrasekar; Dhanesh P Raghavan; Ashok S; Mohammed Ajlif A* |
| 1570474579 | Smart Control Panel For Synchronization Of Sources *Gitanjali Rudrawar* |
| 1570475826 | Evaluation of Short Circuit Currents in Networks with Low Voltage Ride Through (LVRT) Enabled Voltage Source Converters (VSC) based Wind Turbines *Praveen Gautam; Francis Joseph* |
| 1570476524 | Optimal Active and Reactive Power Dispatch for coordinated Wind Thermal Generation System *Bidishna Bhattacharya; Niladri Chakraborty; Kamal Mandal* |
| 1570476660 | A Novel Method for Synchronization with Unbalanced Grid: An Experimental Investigation *Arobinda Dash; Ranjan Behera; Durgesh Bagarthy; Prakash Hota* |
| 1570476725 | Generalized Stochastic Petri Nets (GSPN) for Analysis of Microgrid under Uncertainities *Debashis Jana; Niladri Chakraborty* |
| 1570459287 | Optimal Allocation of Distributed Generator to Ameliorate the Voltage Stability Employing Circular Optimization Algorithm  *Anupam Agarwal; Saurabh Ratra; Rajive Tiwari; Nand Kishor Meena* |
| 1570464030 | A maiden application of modified grey wolf algorithm optimized cascade tilt-integral-derivative controller in load frequency control *Dipayan Guha; Provas Kumar Roy; Subrata Banerjee* |
| 1570467001 | Generation of PWM Schemes for Power Electronic Converters *Subhendu Bikash Santra; Krishnatreya Bhattacharya; Tanmoy Roy Choudhury; Debashis Chatterjee* |
| 1570468485 | Effect of PV and FACTS on Small Signal Stability *Adhishree Srivastava; Sanjoy Kumar Parida; Ritu Meena* |
| 1570469478 | Experimental Implementation of new N-level Single-phase Multilevel Inverter *Bidyut Mahato; Saikat Majumdar; Soumitra Mondal; Kartick Jana* |
| 1570474589 | Flower Pollination Algorithm Based PI Controller Design for Induction Motor Scheme of Soft-Starting *Srinivasrao Nayak; Rufzal T A* |
| 1570476749 | Improving the Transient Stability by Modifying the Power Exchange by the HVDC Transmission *Teja Bandaru; Ujjwal Dhawa; Dheeman Chatterjee; Tanmoy Bhattacharya* |
| 1570452462 | Reactive Power Control in ± 800 kV HVDC Converter Station Biswanath Chariali, POWERGRID *Manash Jyoti Baishya; Ashutosh Dubey; Chinmoy Borkotoky; Satyajit Bhuyan* |
| 1570458049 | Impact of Weather(Fog) on Corona Loss and Its Geographical Variation within Eastern Region *Nadim Ahmed; Saibal Ghosh; Surajit Banerjee* |
| 1570458190 | Demand Side Management Based Optimal Scheduling Portfolio of a Microgrid in Linear Programming Platform *Subho Paul; Archana Tamrakar; Narayan Padhy* |
| 1570458552 | Enhancement of ATC of transmission line using demand response for congestion management *Vijayjkumar Prajapati; Vasundhara Mahajan* |
| 1570458701 | A Parallel Approach for Piecewise Newton-Raphson Power Flow Considering Generator Q Limits *Gnanavignesh Rajamani; U Jayachandra Shenoy Udayavar* |
| 1570464691 | An Indian case study of Power System Network Planning proposed on Tellegen's theorem *Sushil Soonee; KVS Baba; S R Narasimhan; R K Porwal; Suruchi Jain; Pradeep Reddy Male* |
| 1570468655 | An Iterative Distributed Approach for Optimal Power Dispatch in a Smart Grid Environment *P M Naina; Swarup S* |
| 1570475323 | Real-Time Imbalance Pricing in I-SEM - Ireland's Balancing Market *Naren Bharatwaj V.; Aodhagan Downey* |
| 1570475464 | A novel drowning detection method for safety of swimmers *Ajil Roy; K. Srinivasan* |
| 1570476348 | An approach to quantify the applicability of DG placement techniques using Fault Tree Analysis  *Ranjita* *Chowdhury; Niladri Chakraborty* |
| 1570476409 | Optimal Congestion Management Strategy by probabilistic distributed generators with losses and voltage stabilities *V V Rajagopal Peesapati; Niranjan Kumar; Vinod Yadav* |
| 1570476665 | Influence of semiconductive nano particles on insulation properties of Mineral oil *Kasi Viswanathan P; Chandrasekar S* |
| 1570476750 | Stochastic Optimal Power Flow in presence of Wind Generations using Harmony Search Algorithm *Kayalvizhi Selvam; Vinod Kumar* |
| 1570467683 | PINCS: A Power System Integrated Cyber Network Simulator for WAMS *Minal Chougule; Gopal Gajjar; Shreevardhan Soman* |