

# NPSC 2018

**DAY – 2 // 15.12.2018 – POSTER Presentation**

**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 <i>Anuj Nichani; Swarup S</i>
1570458850	Superimposed Component-Based Protection Scheme for UPFC Compensated Transmission Lines <i>Sauvik Biswas; Paresh Kumar Nayak</i>
1570458928	Three State Kalman Filter based Directional Protection of Power Transformer <i>Dharmesh D Patel; Nilesh Gordhanbhai Chothani; Khyati Mistry; Maulik Raichura</i>
1570459039	Optimized Design of Earthing System for Substations with High Soil Resistivity and Limited Plot Area <i>Prudhvi Raj Bonda; Mahesh Kumar Mishra</i>
1570459200	Wavelet-based Auto-reclosing Technique for TCSC compensated lines connecting windfarm <i>Biswajit Sahoo; Subhransu Samantaray</i>
1570468640	Optimal PMU Placement Using Binary SOS Considering Measurement Redundancy and Channel Limitations <i>Soumesh Chatterjee; Biman Saharoy</i>
1570468678	Comparative Performance Analysis of Optimization Based Distribution System State Estimator With Varying Measurement Uncertainties <i>Rajarshi Dutta; Anamika Dubey; Saikat Chakrabarti; Ankush Sharma</i>
1570470179	Interactive Demand Response in a Locality of Smart Power System <i>Selvan M P; Hanumantha Rao B; Arun S L; Navya K</i>
1570472894	Hybrid Protection and Control System for Distribution Substations in Power Utilities, Industries and Infrastructure <i>Ganesh Kulathu Veeramoni; Janne Starck</i>
1570474957	A New Technique for Designing Restoration Based Reliable WAMS Structure <i>Phanendra Babu N v; P Suresh Babu; Rohini Krishna Chaitanya P</i>

1570475092	Incremental PMU placement based on depth of unobservability <i>Sanjay Kumar; Barjeev Tyagi; Vishal Kumar; Sunita Chohan</i>
1570476592	Impact Assessment of DG in Radial Distribution Networks <i>Arya Christy, C B; Savier J s</i>
1570476655	A New Protection Scheme for Three-Terminal Mutually Coupled Transmission Line <i>Pratik Dhopte; Snehal Unde; Sanjay Dambhare; Prashant Namdeo Gawande</i>
1570476979	A Methodology for Fault Detection and Classification using PMU Measurements <i>Amit Jain; Archana C; Mohapatra Bikash Sahoo</i>
1570458566	Multi-objective Load Scheduling in a Smart Grid Environment <i>Arindam Sadhukhan; S Sivasubramani</i>
1570458595	An Improved Droop Control Method to Enhance Dynamic Performance of AC Microgrid <i>Shirazul Islam; Souradip De; Sandeep Anand; Soumya Ranjan Sahoo</i>
1570458904	Feeder Voltage Dependent Distribution Network Reconfiguration for Loss Reduction <i>Shaziya Rasheed; Megha Gupta; Abhijit Abhyankar</i>
1570459003	Coordinated Charging of Electric Vehicles for Reducing Operation Cost under TOU Electricity Prices <i>Tanuj Rawat; K. Niazi</i>
1570459019	Profit based Self Scheduling of Virtual Power Plant under Multiple Locational Marginal Prices <i>Meenakshi Khandelwal; Parul Mathuria; Rohit Bhakar</i>
1570467050	Fuzzy GA based Multiobjective Methodology for DGs and Shunt Capacitors Placement in Distribution Networks <i>Srinivasa Rao Gampa; Debapriya Das</i>
1570467456	Performance Improvement of Dynamic Response for Parallel Operation of Inverters Under Line Impedance Mismatch <i>Naresh Vemula; Sanjoy Kumar Parida</i>
1570467927	Robust Control based Energy Storage Stabilizers for Power Systems with Large Scale Renewables <i>Indla Priyamvada; Sarasij Das</i>
1570468523	Small Signal Stability Analysis of DFIG Penetrated Multi-machine Power System with Synthetic Inertia Control <i>Shivam Barot; Mahit Jain; Chintan R Mehta; Santoshkumar C Vora</i>
1570468784	An Optimal Accommodation of Distributed Generation in Power Distribution Systems <i>Kiran B; Sydulu MAHESWARaPU</i>

1570468861	Reliability Enhancement of Small and Medium Distribution System with Renewable Generations and Reclosers <i>Jeyaraj Senthil Kumar; Paramasivam Venkatesh; Sathia Samuel Charles Raja; Joseph Jeslin Drusila Nesamalar; Chinnasamy Palanichamy</i>
1570470989	A Droop Controlled Operation of Interlinking Converters for Power Sharing in Hybrid AC/DC Subgrids <i>Harikrishna M; Premalata Jena</i>
1570472922	Circulating Current Minimization and load sharing control of the DC Microgrid based on Optimal Droop parameters <i>Mr Shivam; Ratna Dahiya</i>
1570473717	Design, Fabrication and Electrochemical performance of Soluble Lead Redox-Flow Battery for Energy Storage <i>Shivangi Kosta; R Sneha; Kuldeep Rana</i>
1570474533	Battery Management System for DC Nanogrid <i>Sigi C Joseph; Venkatesan Chandrasekar; Dhanesh P Raghavan; Ashok S; Mohammed Ajlif A</i>
1570474579	Smart Control Panel For Synchronization Of Sources <i>Gitanjali Rudrawar</i>
1570475826	Evaluation of Short Circuit Currents in Networks with Low Voltage Ride Through (LVRT) Enabled Voltage Source Converters (VSC) based Wind Turbines <i>Praveen Gautam; Francis Joseph</i>
1570476524	Optimal Active and Reactive Power Dispatch for coordinated Wind Thermal Generation System <i>Bidishna Bhattacharya; Niladri Chakraborty; Kamal Mandal</i>
1570476660	A Novel Method for Synchronization with Unbalanced Grid: An Experimental Investigation <i>Arobinda Dash; Ranjan Behera; Durgesh Bagarthy; Prakash Hota</i>
1570476725	Generalized Stochastic Petri Nets (GSPN) for Analysis of Microgrid under Uncertainties <i>Debashis Jana; Niladri Chakraborty</i>
1570459287	Optimal Allocation of Distributed Generator to Ameliorate the Voltage Stability Employing Circular Optimization Algorithm <i>Anupam Agarwal; Saurabh Ratra; Rajive Tiwari; Nand Kishor Meena</i>
1570464030	A maiden application of modified grey wolf algorithm optimized cascade tilt-integral-derivative controller in load frequency control <i>Dipayan Guha; Provas Kumar Roy; Subrata Banerjee</i>
1570467001	Generation of PWM Schemes for Power Electronic Converters <i>Subhendu Bikash Santra; Krishnatreya Bhattacharya; Tanmoy Roy Choudhury; Debashis Chatterjee</i>

1570468485	Effect of PV and FACTS on Small Signal Stability <i>Adhishree Srivastava; Sanjoy Kumar Parida; Ritu Meena</i>
1570469478	Experimental Implementation of new N-level Single-phase Multilevel Inverter <i>Bidyut Mahato; Saikat Majumdar; Soumitra Mondal; Kartick Jana</i>
1570474589	Flower Pollination Algorithm Based PI Controller Design for Induction Motor Scheme of Soft-Starting <i>Srinivasrao Nayak; Ruzal T a</i>
1570476749	Improving the Transient Stability by Modifying the Power Exchange by the HVDC Transmission <i>Teja Bandaru; Ujjwal Dhawa; Dheeman Chatterjee; Tanmoy Bhattacharya</i>
1570476719	Control strategy for $\pm 800$ kV 6000 MW NER-Agra Multi-Terminal HVDC Project <i>Subhranil Barman, Arup Ratan Paul, Himanshu Bahirat</i>
1570458049	Impact of Weather(Fog) on Corona Loss and Its Geographical Variation within Eastern Region <i>Nadim Ahmed; Saibal Ghosh; Surajit Banerjee</i>
1570458190	Demand Side Management Based Optimal Scheduling Portfolio of a Microgrid in Linear Programming Platform <i>Subho Paul; Archana Tamrakar; Narayan Padhy</i>
1570458552	Enhancement of ATC of transmission line using demand response for congestion management <i>Vijaykumar Prajapati; Vasundhara Mahajan</i>
1570458701	A Parallel Approach for Piecewise Newton-Raphson Power Flow Considering Generator Q Limits <i>Gnanavignesh Rajamani; U Jayachandra Shenoy Udayavar</i>
1570464691	An Indian case study of Power System Network Planning proposed on Tellegen's theorem <i>Sushil Soonee; Kvs Baba; S R Narasimhan; R k Porwal; Suruchi Jain; Pradeep Reddy Male</i>
1570468655	An Iterative Distributed Approach for Optimal Power Dispatch in a Smart Grid Environment <i>Pm Naina; Swarup S</i>
1570475323	Real-Time Imbalance Pricing in I-SEM - Ireland's Balancing Market <i>Naren Bharatwaj V.; Aodhagan Downey</i>
1570475464	A novel drowning detection method for safety of swimmers <i>Ajil Roy; K. Srinivasan</i>
1570476348	An approach to quantify the applicability of DG placement techniques using Fault Tree Analysis <i>Ranjita Chowdhury; Niladri Chakraborty</i>
1570476409	Optimal Congestion Management Strategy by probabilistic distributed generators with losses and voltage stabilities <i>V V Rajagopal Peesapati; Niranjana Kumar; Vinod Yadav</i>

1570476665	Influence of semiconductive nano particles on insulation properties of Mineral oil <i>Kasi Viswanathan P; Chandrasekar S</i>
1570476750	Stochastic Optimal Power Flow in presence of Wind Generations using Harmony Search Algorithm <i>Kayalvizhi Selvam; Vinod Kumar</i>
1570467683	PINCS: A Power System Integrated Cyber Network Simulator for WAMS <i>Minal Chougule; Gopal Gajjar; Shreevardhan Soman</i>