

Technical Papers Published in Springer Journal 2018

Paper Number	Author/s	Organization Name	Paper Tittle
1	Karthik Vagicharla Harikrishna Muda	Central Electricity Authority, Mumbai Masdar Institute of Science and Technology Abu Dhabi, UAE	Evaluation of Technologies for Smart Microgrid Protection Schemes
2	Rakesh Kumar Goyal	Tetra Tech ES India Private Limited, Delhi	IoT for Indian Power sector
3	Yvo Thomas Anton Hunink Linda Manon Kamp Esther Maria Blom	Energy Bazaar Delft University of Technology Delft University of Technology	Co-Creating Responsible Energy Systems
4	Tarun Bhardwaj Virender Mittal Aakash Verma	Tata Power Delhi Distribution Ltd.	Advance Ditribution Management System-An Integrated System
5	Aurabind Pal	Rural Electrification Corporation	Solving Duck Curve Problem due to Solar Integration using Blockchain Technology
6	Robin Giri Mangesh Jarode	The Tata Power Company Limited, Mumbai	EIC (Utility excavation information center), mobile app & common patrolling
7	Vinay Gupta	Suzlon Energy Limited	Artificial Intelligence (AI) Applications and Techniques in Smart Grid
8	Ajay Krishnan N Dr. Jürgen Kolb Dr. Rafiq Azzam Dr. Uwe Kaltenborn Dr. R. Sarathi	Reinhausen Group Leibniz Institute for Plasma science and Technology RWTH Aachen University Highvolt Prüftechnik GmbH IIT Madras	Degradation of Organic Pollutants in drinking water by non-thermal plasma
9	Nisargkumar Suthar	National Power Training Institute, Faridabad	Estimating Effect of Electric Vehicles on Indian Grid System and Identifying Consequent Opportunities

10	Girish Ghatikar Nikhil Parchure Rupendra Bhatnagar	Electric Power Research Institute Ocellion Power Systems India Smart Grid Forum	Macro-Level Methodologies to Assess Grid Impacts and Flexibility from Battery Electric Vehicles
11	Harshit Anand Ayush Agarwal Pooja Shukla Suneel Yadav	IIT, Allahabad	Smart Charging of Electric Vehicles in Grid-to-Vehicle (G2V) Networks
12	Neeraj Ramchandran Pradeep Singhvi Manoj Bansal	PwC India	Market Diffusion model of Electric Vehicles for planning Charging Infrastructure in India
13	Anupam Roy	Tata Consulting Engineers Limited	Application of Battery Energy Storage System in Industrial Plants
14	Akshay Ahuja Amol Sawant Hem Thukral		Second life of Energy Storage Battery
15	Prabir Barooah		Virtual energy storage from air conditioning loads
16	Ishaq Sulthan	GBCI	Damage and Exposure Prevention of Energy Infrastructure through strategies in PEER
17	Anoop V Eluvathingal K.Shanti Swarup	IIT Madras	Protection Scheme For Smart Distribution Networks With Inverter Interfaced Renewable Power Generating Sources
18	A. R. Kulkarni S. S. Rajurkar	MAHATRANSCO Mumbai	WIDE AREA MONITORING SYSTEM(WAMS):THE FOUNDATION BLOCK OF SMARTGRIDS FOR EVENT ANALYSIS
19	Dr. C. Sharmeela Er. P. Sivaraman S. Balaji	Anna University, TECh Engineering Services, Anna University,	Design of Hybrid DC mini grid for educational institution: case study
20	Akshay Kumar Gera	Tata Power- DDL, New Delhi	Integration of Rooftop Solar: A step towards 100% Renewable
21	Soham Chakraborty Sarasij Das Manoj Negi	IISC Bangalore	Hybrid Microgrids for Diesel Consumption Reduction in Remote Military Bases of India
22	PT SEENATH BEEVI	Kerala State Electricity Board Ltd.	A Decentralised Approach For Load Management In An Islanded Distribution Network During Contingency

23	Abilash ET Nair	ABB India Limited	Microgrid for the purpose of the development of Netzero Energy Green Buildings and communities towards 100% renewables Vision
24	Ms. Vrushali G. Nasre	Priyadarshini College of Engineering, Nagpur	Smart Water- An Automation of Existing Waste Water Filtration and Recycling System
25	Mohit Saluja	RICS School of Built Environmen	INTELLIGENT WATER MANAGEMENT SYSTEM- SMART APPROACH TOWARDS SUSTAINABILITY
26	Pankaj Mohan Gupta Moreswar Salpekar Pravesh Kumar Tejan	ST Microelectronics (I) Pvt Ltd	Smart Water Distribution Using Low Cost Communication Protocol
27	Sravan Appana	Fluentgrid Ltd.	Smart Micro-Cities-Decentralization Of Access And Decision Making
28	Jagdish Achara	LCA2, EPFL, Lausanne, Switzerland	Technologies for Integration of Large-Scale Distributed Generation and Volatile Loads in Distribution Grids
29	Narayanan Rajagopal Ajit Khandekar, Amrit Mishra, Sriram Shankara Narayanan	Tata Consultancy Services Ltd.	Roadmap for Digital Control System (DCS) Implementation in Utility Substations
30	Ajit Khandekar Amrit Mishra, Hardik Shah, Bhargav Dave	Tata Consultancy Services Ltd.	Utility Power Transformers' Performance Enhancement in Smart Grids
31	M. Laurent Karsenti M. Christophe Feuillard M. Yann Toravel	EDF International Networks EDF International Networks Enedis / NEDI Digital program	Roll out and learnings of Smart Grids- The French Experience
32	Alka Malik Pushpendra Chaudhary Samant Nagpaul Santosh K Sarangi	Tata Power Delhi Distribution Ltd.	Mobile Electricity Restoration Application-Outage Management System

33	Md Shadab Ahmad	Tata Power Delhi Distribution Limited	Self-Healing Distribution Grid Benefits, Challenges and Optimize way of Implementation
34	Davinder Paul Singh	Indraprastha Gas Limited	Smart Metering Solutions for City Gas Distribution Company
35	Shobhit Jain, A. Paventhan, R. Mohan Kumar, Balmukund Prasad, Aman Jha and Manoj Kumar		Evaluation of Smart Metering Scenario and Demonstration of Smart LED Streetlighting Using PLC