

Selected Technical Papers for Presentation and Publication – India Smart Grid Week (ISGW) 2016

Technical Papers Selected for Publication and Presentation

Paper Number	Paper Title	Author/s	Organization Name
1	Decoding Power Systems' Integration for Clean Transportation and Decarbonized Electric Grid	Girish Ghatikar	Greenlots
2	Advancement and Innovation in Substation Design with Introduction of Self Protected Green Transformer in Indian Power Sector	Mr. Ramchandran Pillai C. K. Chitnis F. N. Havaladar S. B. Kundargi V. A. Adkar	Tata Power Company Limited
3	Development of Enhanced Capacity, Fire Safe, Green and Compact Power Transformer	Mr. Ramchandar Pillai Firoz Havaladar Sandeep Kundargi	Tata Power Company Limited
4	How to integrate more Distributed energy resources in low voltage and medium voltage networks	Rémy Garaude Verdier	ERDF
5	Connected Services in Responsive Grid	Anupam Chakraborty Anindya Kundu Sumit Kumar Ray Anindya Pradhan	TATA Consultancy Services Ltd
6	Asset Performance Management : New Predictive Maintenance tool for Indian Utilities to manage the vast assets cost-effectively	Sandeep Pathak	Schneider Electric
7	Power flow Control for Energy Resource Connected in Smart Micro-Grid for Unbalanced Condition	Sheeba Babu Dr. L Ashok Kumar Prof. Anitha J.	PSG College of Technology, Coimbatore, Tamilnadu
8	Survey on Smart City Frameworks	Charan teja Pradeep Yemula	IIT Hyderabad
9	Role of Energy Storage Technologies in Providing Ancillary Services, Improving Power Quality and Reliability of the Indian Grid	Debi Prasad Dash Dr. Rahul Walawalker	India Energy Storage Alliance (IESA)

10	The Eagle Way: The Future Ready Smart Systems and Meters	Vishal Kumar	Landis+Gyr, India
11	Study of Future of Smart Cities in India	Jaimala Gambhir Dr. Tilak Thakur Rohit Gupta	PEC University of Technology
12	A Regulated Charging Scheme for Electric Vehicles Considering the Customers' Perspective	Pulkit Goyal Shashank Vyas Rajesh Kumar	Malaviya National Institute of Technology, Jaipur
13	Defining a sustainable working model for SMART Grid Implementation	Anupam Chakraborty	TATA Consultancy Services Ltd
14	Advance Metering Infrastructure for India	Rakesh Kumar Goyal R.P. Agarwal	Tetra Tech
15	Case study on a commercial Demand Side Response implementation in the UK	Akshat Kulkarni Mitchell Curtis	KiWi Power
16	The role and interaction of microgrids and centralized grids in developing modern power systems	Jonas Tjäder Susanne Aceby Caroline Bastholm	STRI AB
17	Impact of Renewables on DISCOMs under DSM Regulations	Sarangapani Goswami Manu Arora	Tata Power Delhi Distribution Limited
18	Geographical Information system (GIS) and its integration with other enterprise systems at Tata Power	Ramchandran Pillai S B Modak A.V. Deo R.V. Kadu A. Khare	Tata Power Co Ltd
19	Aggregation of Smart Facilities in a Smart City – A case study	Nithin S Sasi K. Kottayil	Amrita Vishwa Vidyapeetham
20	Geographic Information System (GIS) in OPTCL Network	M. Ananta Rao Alok Ku Maharana Shiban Kanti Bala	Odisha Power Transmission Corporation Limited (OPTCL)
21	Experiences of CESC in Smart Grid Initiatives – LT Network Automation	Anjan Mitra Arka Ghosh	CESC Limited

22	Technologies adopted for successful deployment of AMR at Tata Power.	Mr. S C Dhapare Mr. Christopher Selvin	Tata Power Company Ltd.
23	Experiences of CESC in Smart Grid Initiatives – RMU Automation	Shuvomay Halder Arka Ghosh	CESC Limited
24	Opportunities and Challenges for Deployment of CVR/VVO Methodology in Indian Smart Energy Distribution System	Shailendra Singh Dr. S.P Singh	Indian Institute of Technology (BHU)
25	Outcome-driven Framework for Evaluating Power System Performance, Efficiency, Reliability, Resilience and Environmental Sustainability	Ishaq Sulthan Jamie Statter Dr Vatsal Bhatt	USGBC
26	Data Analytics	Richard Irwin	Bentley Systems
27	Long Range Radio for Smart Grid Communications	Deepak Naik	Sensus
28	Smart Grid Knowledge Grid	Samir Chaudhary	Ex-PGCIL
29	Internet of Things Gateway Platform and Applications	Indar-Prakash Singhal Prashant Pandey Raunaque Mujeeb Quaiser	STMicroelectronics Greater Noida
30	Smart Grids and Cyber Security in India	Elonnai Hickok Vanya Rakesh	Centre for Internet & Society
31	IOT and M2M communications for smart Grids and Smart Cities	Arun Moorthy	Chemtrols Industries Ltd.
32	Smart Micro Grid Simulator	Sivraj P Sasi K. Kottayil	Amrita Vishwa Vidyapeetham
33	Modeling and Analysis of a Hybrid Energy Storage System for Solar PV Applications	Dr Tarlochan Kaur Asheem Garwa	PEC University of Technology
34	AMI Data Analytics	Ajay V Potdar S C Dhapre	Tata Power Company Ltd.

35	Studies on applicable EMC standards for Smart Grid components and Environment	L.Punitha V.Venkatesan	SAMEER Centre for Electromagnetics
36	Optimized power management of a Storage enabled DC grid tied Solar PV power system	Ankur Bhattacharjee Dipak Kumar Mandal Hiranmay Saha	Indian Institute of Engineering Science and Technology, Shibpur
37	Transformation from Rigid to Smart & Agile Grid – Need of the 21st Century	Joseph Mathews	Visual Percept Solar Projects Pvt Ltd
38	A System level Framework for Evaluating High Share of Renewables in the Future Energy Mix	Deepthi Swami Sandhya Sundararagavan	Centre for Study of Science Technology and Policy
39	The Role of Smart Technologies to Make Smart Grid Smarter	Rashmi Agrawal Dr. Tilak Thakur	PEC University of Technology
40	Optimization of RE generation forecasting- perspective from mature renewable energy markets	Sunil Kumar Sharma Anindita Nandy	GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH)
41	Enhancement of Fault Ride-through Grid code of a Vector-Controlled Doubly-Fed Induction Generator for different types of faults	Anjan Kr. Dan Tathagata Sarkar Konika (Das) Bhattacharya Hiranmay Saha	IEST Shibpur
42	Enhancing TPDDL Distribution Network Operation and Customer Outage Performance PSC – OMS Merger	Karunakar Jha Kumar Vikram Tarun Bhardwaj	Tata Power-DDL
43	The PMU-Based System Observability for Fault Detection and Isolation for a Distribution Network	Baluguri Ravi Teja Dr. C Vyjayanthi	National Institute of Technology, Goa
44	Unification of Electric Vehicle with Smart Grid	Dr. Tilak Thakur Rashmi Agrawal	PEC University of Technology
45	Amendments to the Indian Electricity Act	Vishal Dixit Adarsh Kumar	Tata Power Delhi Distribution Ltd
46	Smart Grid Initiatives in India: Updates and Review	Priyamvada Chandel Dr. Tripta Thakur B.A. Sawale	CPRI Bhopal, Maulana Azad National Institute Of Technology

47	Multi agent systems : in renewable hybrid power system a critical review	Ranjeeta Khare Renuka Kamdar Yogendra Kumar Priyanka Paliwal	MANIT Bhopal
48	Smart Grid Project Outcomes: Experiences and Lessons Learned: MAHATRANSCO EXPERIENCE	Amit R. Kulkarni Shrikant S. Rajurkar	Mahatransco