



# India SMART GRID Week 2015

International Conference and Exhibition  
on Smart Grids and Smart Cities

**March 02 - 06, 2015**

Bangalore International Exhibition Centre  
Bengaluru, India

[www.isgw.in](http://www.isgw.in)

## CONFERENCE AGENDA



### Supporting Ministries



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Government of India



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02 – 06 March, 2015  
Bengaluru, India  
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### AGENDA - 02 March 2015

9.30-17:30 JW Marriot Bengaluru	<b>US-India Smart Grid Workshop sponsored by USTDA</b>
<b>08:30 – 09:30</b>	<b>Registration for ISGW 2015</b>
<b>9:30 – 18:00 - Smart Grid Tutorial &amp; Master Classes: (GULMOHAR)</b>	
9:30 – 11:00	1) Introduction to Smart Grids: <b>Rahul Tongia, Brookings India &amp; Pradeep Kumar Yemula, IIT-H</b>
11:00 – 11:30	<b>Tea Break</b>
11:30 - 13:00	2) Communication Technologies for Smart Grids and Smart Cities – <b>Ajoy Rajani, Reliance Infra &amp; Kishore Narang, Narnix</b>
13:00 – 14:00	<b>Lunch Break (Lagoon Area)</b>
14:00 - 18:00	<b>MASTER CLASSES (Parallel Tracks)</b>
GULMOHAR	1) IEC 61850 by <b>Christoph Brunner</b> , Chair of IEC Working Group on 61850 in TC-57
CASSIA	2) Cyber Security by <b>M. Zaki, NCIIPC, N. P. Singh, NCIIPC, Faruk Kazi, VJTI, Hem Thukral, ISGF</b>
HIBISCUS	3) Energy Storage Technologies by <b>Rahul Walawalkar, IESA &amp; Ravi Seethapathy, Smart Grids Canada</b>
PARIJATHA	4) Smart Microgrids by <b>Terry Mohn, General Microgrids Inc &amp; C. Amritha, ISGF</b>
15.30 – 16.00	<b>Tea Break</b>



### **AGENDA - 03 March 2015**

<b>08:30 – 09:30</b>	<b>Registration for ISGW 2015</b>	
<b>Session Time</b>	<b>Session Details</b>	
<b>09:30 – 11:00</b>	<b>Inaugural Session</b>	
<b>GULMOHAR</b>	Welcome Address: <b>Pankaj Kumar Pandey</b> , Managing Director, BESCOM	
	Special Address: <b>Richard Schomberg</b> , Chairman of Technical Committee of ISGW 2015	
	Special Address: <b>Ravi Kumar</b> , Additional Chief Secretary – Energy, Govt of Karnataka*	
	Special Address: <b>Sandy Sheard</b> , Counsellor and Head - Energy, Climate & Growth Unit, British High Commission, New Delhi	
	Special Address: <b>A.K. Mittal</b> , Head – Telecommunications Engineering Centre	
	Presentation of highlights of the <b>Knowledge Paper: Colin McKerracher</b> , Bloomberg New Energy Finance	
	Release of <b>Knowledge Paper</b> on “ <b>Smart Grids in India</b> ” by the Chief Guest	
	Inaugural Address by the Chief Guest: <b>Devendra Chaudhry</b> , Special Secretary, Ministry of Power	
	Invitation to ISGW 2016: <b>Praveer Sinha</b> , CEO & ED, Tata Power Delhi Distribution (Host Utility)	
	Vote of Thanks: ISGF	
<b>11:00 – 11:15</b>	<b>Inauguration of Exhibition by Chief Guest (Hall: JACARANDA)</b>	
<b>11:15 – 11:30</b>	<b>Tea Break</b>	
<b>11:30 – 13:00</b>	<b>Plenary Session – 1: Smart Grid Projects Update, Lessons Learnt, Business Models and Key Emerging Trends</b>	
<b>GULMOHAR</b>	<b>Chair: Devendra Chaudhry</b> , Special Secretary, Ministry of Power <b>A) Developed Countries Perspectives:</b> <ol style="list-style-type: none"> <li><b>Russell Conklin</b>, US DoE &amp; ISGAN</li> <li><b>Mark van Stiphout</b>, Deputy Head, Energy Technologies Unit, DG ENERGY, European Commission</li> <li><b>Hiroshi Kuniyoshi</b>, Executive Director, NEDO</li> <li><b>Ja-yoon Koo</b>, Ex-Chairman of Regulatory Commission, South Korea</li> </ol> <b>B) Developing Countries Perspectives:</b> <ol style="list-style-type: none"> <li><b>Henry Steingass</b>, Regional Director for South &amp; South East Asia, USTDA</li> <li><b>Praveer Sinha</b>, CEO &amp; ED, Tata Power Delhi Distribution</li> <li><b>Ravi Seethapathy</b>, CIGRE</li> </ol>	
<b>13:00 – 14:00</b>	<b>Lunch Break (Lagoon Area)</b>	
<b>14:00 - 15:30</b>  <b>Track – A in GULMOHAR</b>  <b>Track-B in CASSIA</b>	<b>Track A: Future Electricity Grid Supporting Low Carbon Energy Supply and Energy Security</b>	<b>Track B: Smart Energy – Vision for the Smart Grid Evolving Towards Smart Customers and Smart Cities /Communities</b>
	<b>Session A1: Smart Generation and Integration</b> <b>Chair: Tarun Kapoor</b> , Joint Secretary, MNRE	<b>Session B1: Smart Energy Market Design &amp; Regulatory Support</b> <b>Chair: U.K. Panjiar</b> , Chairman, Bihar Electricity Regulatory Commission
	<b>A1.1 Large-Capacity Renewable Energy Generation and Integration Challenges, PV Tariff Design and Way-forward:</b> <b>Owen R. Zinaman</b> , NREL, USA <b>A1.2 Distributed Generation:</b> <b>M. Rajagopalan</b> , Market Development Director – Middle East Asia, Wartsila India	<b>B1.1 Introduction: Requirements for a Market Design supporting Smart Energy:</b> <b>Sudeen G Kelly</b> , Partner – Akin Gump & Former Commissioner, FERC <b>B1.2 Integration of Distributed Generation Into An Unbundled Market:</b> <b>Christopher Villareal</b> , California PUC

	<p>A1.3 Protection and Control of Integrated Smart Generation: <b>Sivakumaran Govindarajan</b>, Hindel Power</p> <p>A1.4: Beyond AMI- From Smart Meters to Advanced Distribution Automation: <b>Aitor Arzuaga, Laura Marron &amp; Jon Garcia de Salazar</b>, CG Automation</p> <p>A1.5: IEC 61850 supporting Distributed Generation and Storage: <b>Christoph Brunner</b>, Chair of IEC Working Group on 61850 in TC-57</p>	<p>B1.3 Demand Response market (NegaWatt) potential in India: <b>Christopher Hickman</b>, CEO, Innovari Inc</p> <p>B1.4 Model Smart Grid Regulations in India: <b>Vijay Sonavane</b>, Advisor, MERC &amp; <b>Vikas Gaba</b>, KPMG</p> <p>B.1.5 Envisioning Smart Grid Policy, Regulatory and Technical Framework: <b>Ujjwal Deep Dahal</b>, Bhutan Power Corporation</p> <p>B1.6 Role of Microgrids in India's Smart Grid Framework – Regulatory Support: <b>Larisa Dobriansky</b>, General Microgrids</p>
15:30 – 16:00	<b>Tea Break</b>	
16:00 - 16:30 CASSIA	Presentation on IESS2047 by <b>Yeshika Malik</b> , Consultant, NITI Ayog, & <b>Akshay Ahuja</b> , ISGF	
16:30 – 18:00  CASSIA	<b>Plenary Session – 2: Brainstorming on Spectrum Requirements for IoT and M2M Communications in India</b> <b>Chair: A.K. Mittal</b> , Head – Telecommunication Engineering Centre Panellist: Communication Technology Gurus from several companies	
18:00-18:45 JACARANDA	<b>Networking in the Exhibition Floor</b>	
18:45 – 21:30 GULMOHAR	<b>European Union – India Smart Grids Networking Cocktails (Open to All)</b>	

### PARALLEL EVENTS on 03 March 2015

Session Time	Luncheon Session Details
13:00 -16:30  FINE DINING ROOM, First Floor of FOOD COURT	<b>ISGAN Annexe-6 (POWER T&amp;D SYSTEMS) Workshop: Microgrids – A system approach for deployment of renewable energy</b> <b>Workshop Chair: Bo Normark</b> , ISGAN - Chair Annex 6 Expert Panel: <ol style="list-style-type: none"> <li>1. <b>Terry Mohn</b>, General Microgrids Inc.</li> <li>2. <b>Ken Hayles</b>, Eskom, South Africa</li> <li>3. <b>Nick Singh</b>, Eskom, South Africa</li> <li>4. <b>Anders Lindskog</b>, SP Technical Research Institute of Sweden</li> <li>5. <b>Rahul Walawalkar</b>, India Energy Storage Alliance</li> </ol>
14:00 -15:30	<b>Track D: Technical Paper Presentation</b>
PARIJATHA	<b>Session D1: Chair: Faruk Kazi, VJTI</b> <ol style="list-style-type: none"> <li>1. Secured Information Exchange In Smart Grid: <b>Deepika Barik, Dibyaraj Krishna Behera</b>, NIT, Rourkela</li> <li>2. Analysis of adaptive over current protection schemes for active distribution network: <b>Harikrishna M, Sai Sasank K, Dr. Premalata Jena</b>, IIT Roorkee</li> <li>3. Optimal Energy Scheduling for a Smart Home Integrated with Solar PV and Battery Energy Storage: <b>Batchu Rajasekhar, Naran Pindoriya</b>, IIT Gandhinagar</li> <li>4. Get smart with Smart Grids: <b>Debasis Mohapatra</b>, PwC</li> <li>5. Innovative Business Models for Smart Grid Deployments: <b>Sudhanshu Gupta, Soumitra Pandey</b>, E&amp;Y</li> <li>6. Communication Backbone for the Smart Grid Infrastructure: <b>Narang Kishor</b>, Narnix</li> </ol>

### **AGENDA - 04 March 2015**

<b>Session Time</b>	<b>Session Details</b>	
09:30 – 11:00  GULMOHAR	<b>Plenary Session – 3: Smart Grid to Smart Cities and Smart Communities</b> <b>Chair: Raj Vaswani, CTO, Silver Spring Networks</b> <ul style="list-style-type: none"> <li>- <b>Richard Schomberg</b>, IEC Smart Energy Chairman &amp; Vice President, EDF</li> <li>- <b>Brian Spear</b>, Managing Director, Trilliant Asia Pacific</li> <li>- <b>Chandan Chaudhary</b>, Managing Director, Dassault Systemes India</li> <li>- <b>Prashant Pradhan</b>, Director, Smarter Planet Solutions, IBM</li> <li>- <b>Alok Chandna</b>, India, Site Project Leader, Fuji Electric - Case Study of Kitakyushu City, Japan</li> <li>- <b>N. Venu</b>, Head of Power Division, ABB</li> <li>- <b>R. R. Mehta</b>, CEO, Reliance Infra</li> </ul>	
11:00 – 11:30	<b>Tea Break</b>	
11:30 – 13:00	<b>Track A: Future Electricity Grid Supporting Low Carbon Energy Supply and Energy Security</b>  <b>Session A2: Evolving Integrated Grid with Distributed Generation</b> <b>Chair: Varsha Joshi, Joint Secretary, MNRE</b>	<b>Track B: Smart Energy – Vision for the Smart Grid Evolving Towards Smart Customers and Smart Cities /Communities</b>  <b>Session B2: Smart Cities &amp; Smart Homes and other Emerging Technology Trends</b> <b>Chair: Tom Rowlandsree, Bloomberg New Energy Finance</b>
Track – A in GULMOHAR  Track-B in CASSIA	A2.1 Introduction: Tools for Forecasting, Scheduling and Dispatch of distributed generation; Renewable Energy Monitoring Centres etc.: <b>Christophe ARNOULT</b> (NICE GRID Coordinator) A2.2 Renewable Energy Sources & Distributed Generation Resources - Challenges to Transmission System Operators and Distribution System Operators: <b>Ravi Seethapathy</b> , Smart Grid Canada A2.3 Energy Storage solutions for Grid Stability: <b>Rahul Walawalkar</b> , IESA A2.4 Smart Grids with WAMS & Synchrophasor Technology: <b>N.S. Sodha</b> , Ex-ED, Power Grid	B2.1 Internet of Things strategies for the Sustainable Smart City - Building an IPv6 Communications Canopy for the future: <b>Bjorn Lindblom</b> , CEO, Connode B2.2 Intelligent Connectivity as Fabric of Smart Cities: <b>Lalitha Suryanarayana</b> , Qualcomm Technologies B2.3 Evolution of the Smart Customer in Smart Cities: <b>Rupendra Bhatnagar</b> , SAP B2.4 New Technology Trends: <b>Girish Ghatikar</b> , LBNL B2.5 Case Studies: Barcelona Smart City - <b>Sandeep Pathak</b> , Schneider Electric India & ISGF BoG Member
13.00 - 14.00	<b>Lunch Break (Lagoon Area)</b>	
14.00 - 15.30	<b>Track A: Future Electricity Grid Supporting Low Carbon Energy Supply and Energy Security</b>  <b>Session A3: Smart Distribution - Evolution of the Distribution Grid</b> <b>Chair: Jean Francois Faugeras, VP-EDF</b>	<b>Track B: Smart Energy – Vision for the Smart Grid Evolving Towards Smart Customers and Smart Cities / Communities</b>  <b>Session B3: Smart Customer</b> <b>Chair: B.N. Sharma, Joint Secretary, Ministry of Power, India</b>
Track – A in CASSIA  Track-B in GULMOHAR		

	<p>A3.1 Increasing the intelligence of the Distribution Grid to integrate distributed generation: <b>Jean Francois Faugeras</b>, VP-EDF</p> <p>A3.2 Data Analytics for increased intelligence of Distribution Grid: <b>Jim Connaughton</b>, C3 Energy</p> <p>A3.3 Consequences of distributed generation for distribution networks: <b>Laurent Schmitt</b>, Alstom Grid</p> <p>A3.4 Smart Micro Grids – Why so relevant for India?: <b>Terry Mohn</b>, General Microgrids, USA</p> <p>A3.5 Nanogrids: <b>Dr Ashok Das</b>, SunMoksha Power</p>	<p>B3.1 Don't Leave Your Customers Behind - Learn How to Unlock Smart Meter Value for Consumers: <b>Adam Welsh</b>, OPOWER</p> <p>B3.2 E-mobility and EV infrastructure solutions for India: <b>Prof. Rajit Gadh</b>, SMERC, UCLA</p> <p>B3.3 Empowering the Smart Consumer: <b>Shiv Kaushik</b>, Cyan Technologies</p> <p>B3.4 Smart Metering with TVWS &amp; Cloud: <b>Prashant Shukla</b>, National Technology Officer, Microsoft India</p> <p>B3.5 Customer Engagement through Gamification: <b>Anindya Pradhan, Krishna Prasad et al</b>, TCS</p>
15:30 – 16:00	<b>Tea Break</b>	
16:00 – 18:00 GULMOHAR	<b>Plenary Session – 4: International Collaboration, Joint Research, Development and Deployment Projects to bring down costs</b> <b>Chair: Agnese Cecchini</b> , Editorial Director, Gruppo Italienergia, Italy <ul style="list-style-type: none"> <li>- IEC: <b>Frans Vreeswijk</b>, General Secretary &amp; CEO</li> <li>- ISGAN: <b>Russel L .Conklin</b></li> <li>- NEDO: <b>Hiroshi Kuniyoshi</b>, Executive Director</li> <li>- GSGF: <b>Paddy Turnbull</b>, Chairman (on Video)</li> <li>- CIGRE: <b>Ravi Seethapathy</b></li> <li>- Financing of Smart Grid Projects: <b>Lee Burrows</b>, Managing Director, Vantage Point</li> </ul>	
18:00 –18:15 JACARANDA	<b>Screening of Documentary film by Energy Department of Odisha “Battling in Darkness”</b>	
18:15 – 19:00 GULMOHAR	<b>Networking Break and Exhibition Visit</b>	
19:00 – 22.00 LAGOON AREA	<b>Cocktails, Cultural Program &amp; Dinner</b>	

### **PARALLEL EVENTS on 04 March, 2015**

<b>Session Time</b>	<b>Session Details</b>
11:30-15:30  FINE DINING ROOM First Floor of FOOD COURT	<p>Luncheon session - <b>“Smart Regulations for Smart Grids”</b> for Regulators and Policy Makers</p> <p><b>Speakers and Topics:</b></p> <ol style="list-style-type: none"> <li>1. Model Smart Grid Frameworks to support positive regulatory change to new technologies: <b>Suedeem G.Kelly</b>, Partner – Akin Gump &amp; Former Commissioner, FERC</li> <li>2. Regulatory Examples from around the world to enable the Demand side. A discussion of many different countries and regulations and to see what has worked and what has not worked: <b>Christopher Hickman</b>, CEO, Innovari Inc</li> <li>3. Market Structures – How are the different markets working? From fully unbundled to vertically integrated, where have electricity grids been able to provide higher levels of reliability while maintaining affordable cost?: <b>Paul Feldman</b>, Director (and past Chairman), MISO</li> <li>4. Regulatory implications of amendments proposed in the Electricity Act 2003: <b>Vijay Sonavane</b>, Advisor, MERC</li> </ol>

	<p>5. Regulations for Separation of Carriage and Content - Experiences and Recommendations: <b>Balawant Joshi</b>, Managing Director, Edam Infra</p> <p>6. How the market views utility investments in Smart Grid?: <b>Lee Burrows</b>, Managing Director, Vantage Point</p>
<b>11:30-13:00</b>	<b>Track D: Technical Paper Presentation</b>
PARIJATHA	<p><b>Session D2: Ganesh Das</b>, Tata Power Delhi Distribution</p> <ol style="list-style-type: none"> <li>1. Considerations in Standardization for Demand Response Ready Air Conditioners in India: <b>Nihar Shah, Girish Ghatikar, Nikit Abhyankar, Amol Phadke</b>, LBNL</li> <li>2. Smart Metering and Demand Response: <b>Sujay Kumar Saha, Vikas Arora</b>, TPDDL</li> <li>3. Smart Metering Technology: The Evolving Economy of Smart Distribution: <b>Priyamvada Chandel, Tripta Thakur, B.A. Sawale</b>, CPRI Bhopal</li> <li>4. Study of DC Microgrid Accompanying with Renewable Energy Sources for Rural Application: <b>Tathagata Sarkar, Tathagata Sarkar, Prof. Hiranmay Saha &amp; Prof. Konika Das Bhattacharya</b>, IEST Shibpur</li> <li>5. The Grid+ project: connecting smart grid initiatives in the future European electricity grid: <b>Pieter Vingerhoets &amp; Kristof May</b>, Energyville; <b>Ronnie Belmans &amp; Patrick Turnbull</b>, GSGF</li> <li>6. Monitoring and analysis of Oscillations in Southern Regional grid: <b>Sudeep M, T Muthukumar &amp; S. P. Kumar</b>, POSOCO</li> </ol>
<b>14:00 -15:30</b>	<b>Track D: Technical Paper Presentation</b>
PARIJATHA	<p><b>Session D3: V.Shivakumar</b>, CPRI</p> <ol style="list-style-type: none"> <li>1. Practical Approach to Predictive Analytics using IoT/Big Data – Asset Fitness Center: <b>VSSN Srinivasa Murthy, B Sivarama Krishnan</b>, Bahwan CyberTek</li> <li>2. Application of PHEVs for smart grid in Indian power sector: <b>Eshwar Pisalkar, Parita Bhojani, Abhijeet Pathade</b>, UPES</li> <li>3. Best Practices in Smart Metering Policy and Implementation: <b>Apoorv Nagpal, Vivek Dhariwal</b>, EVI</li> <li>4. Carefully designed Smart Grid / Metering programs can resolve developing world's unique challenges: <b>Sudhanshu Gupta, Soumitra Pandey</b>, E&amp;Y</li> <li>5. Dynamic Energy Management on Smart Micro Grid: <b>Prasanna Vadana D, Sasi K Kottayil</b>, Amrita University</li> <li>6. Leveraging AMI for Enhanced and Improved OMS: <b>Sandeep Pathak</b>, Schneider Electric</li> </ol>



### **AGENDA - 05 March 2015**

<b>Session Time</b>	<b>Session Details</b>	
9:30 – 11:00  GULMOHAR	<b>Plenary Session – 5: Emerging Technologies that New India should embrace for the Big Leap!</b> <b>Chair: Rahul Tongia</b> , Advisor to ISGF and Non-Resident Fellow, Brookings India 1. <b>Amory Lovins</b> , Rocky Mountain Institute (on Video) 2. <b>Chris Hickman</b> , Innovari, Inc. 3. <b>Hiroshi Ishiguro</b> , Director of Intelligent Robotics Laboratory, Osaka University (on Video) 4. <b>Raj Vaswani</b> , CTO, Silver Spring Networks	
11:00 – 11:30	<b>Tea Break</b>	
11:30 – 13:00	<b>Technical Session-C: Cross Cutting Themes</b>	<b>Track B: Smart Energy – Vision for the Smart Grid Evolving Towards Smart Customers and Smart Cities /Communities</b>
Track – C in GULMOHAR  Track - B in CASSIA	<b>Session C1: Standards and Inter-operability</b> <b>Chair: Richard Schomberg</b> , IEC Smart Energy Chairman & Vice President, EDF C1.1 Smart Grids Standardization Roadmap by EU: European Commission – <b>Laurent Schmitt</b> , Alstom Grid & Smart Grid Coordination Group, CEN/CENELEC-ETSI/ SGCG C1.2 Smart Grid Architecture supporting Interoperability: <b>Erfan Ibrahim</b> , The Bit Bazar LLC (on Video) C1.3 Smart Grid Standardization Efforts in India: <b>D.Goswamy</b> , BIS C1.4 World Smart Energy Harmonization: <b>Richard Schomberg</b> , IEC C1.5 National Standards for Power Quality: <b>Sujeet Mishra</b> , RDSO, Indian Railways	<b>Session B4: Smart Grid Communications and Cyber Security</b> <b>Chair: Paul de Martini</b> , Managing Director, New Port Consulting Group, USA B4.1 Communication Standards for Interoperability: <b>Phil Beecher</b> , Wi-SUN Alliance B4.2 Last Mile Connectivity Solutions for Smart Grids and challenges in India: <b>Ajoy Rajani</b> , Reliance Infra B4.3 Cyber Security for Smart Grids : <b>Sachin Burman</b> , Director, NCIIPC, India B4.4: Distribution System – Automation Technologies and its Cyber Security: <b>Vijayan S.R.</b> , ABB B.4.5 Cyber Security for emerging Technologies & Smart Utilities: <b>Manish Tiwari</b> , Chief Information & Security Officer, Microsoft India
13:00 – 14:00	<b>Lunch Break (Lagoon Area)</b>	
14:00 – 16:00	<b>Track A: Future Electricity Grid Supporting Low Carbon Energy Supply and Energy Security</b>	<b>Track C: Cross-cutting Themes</b>
Track – A in GULMOHAR  Track- C in CASSIA	<b>Session A4: Smart Metering</b> <b>Chair: Colin McKerracher</b> , Bloomberg New Energy Finance A4.1 Rollout challenges - worldwide experiences and lessons: BNEF Presentation A4.2 Global Technology Trends: <b>Eric Dresselhuys</b> , Silver Spring Networks A4.3 India's Smart Metering Market: <b>Rahul Tongia</b> , ISGF A4.4 Smart Metering Case Study: <b>Francesco Marini</b> , Enel, Italy	<b>Session C2: Smart Grid Projects – Case Studies</b> <b>Chair: Girish Ghatikar</b> , LBNL C2.1 Large Scale EU Demonstration for Integration of Renewable and Smart (or grid) automation: <b>Christophe ARNOULT</b> , NICE GRID Coordinator C2.2 Spotlight on Smart and Strong Electric Power Infrastructure: <b>Bo Normak</b> , <b>Susanne Ackeby</b> , ISGAN C.2.3 Characterization and Effectiveness of Technologies for India's Electric Grid Reliability and Energy Security: <b>Girish Ghatikar</b> , <b>Ranjit Deshmukh</b> , <b>Rongxin Yin</b> , LBNL & <b>Ganesh Das</b> , Tata Power Delhi Distribution

	A4.5 Unlocking the value of Smart Meters with Behavioural Science: <b>Adam Welsh</b> , OPOWER	C2.4 Effective Customer Engagement for Smart Grid Project Success: Eco Grid EU and Nice Grid project examples: <b>Rémy GARAUDÉ VERDIER</b> , GRID4EU Coordinator
16:00 – 16:30	<b>Tea Break</b>	
16:30 – 17:30 GULMOHAR	<b>Closing Ceremony of Conference and Exhibition</b> <b>Chair: N. Murugesan</b> , DG, CPRI Panellists: Session Chairs	

### PARALLEL EVENTS on 05 March, 2015

Session Time	Session Details
11:30-15:30  FINE DINING ROOM First Floor of FOOD COURT	Special Luncheon session and launch of ISGF's <b>Smart Utilities Group (SUG)</b>  SUG is a voluntary forum for utilities to share their experiences and learn from each other on smarter initiatives and implementation of new technologies.  <b>Agenda:</b> Introduction and launch of SUG <ol style="list-style-type: none"> <li>1. Election of a Chair for SUG</li> <li>2. Finalization of framework for SUG functioning</li> <li>3. Electricity Act 2003 Amendment (proposed) – Challenges to Regulators and Utilities: <b>Vijay Sonavane</b>, Advisor, MERC</li> <li>4. ISGF Presentation: Changes in Business Processes and IT Systems of Discoms with separation of Carriage and Content as envisaged in the Electricity Act 2003 Amendments: <b>Rupendra Bhatnagar</b>, General Secretary, ISGF</li> </ol>
11:30-13:00	<b>Track D: Technical Paper Presentation</b>
PARIJATHA	<b>Session D4: Md.Umar Hashmi, IIT-B</b> <ol style="list-style-type: none"> <li>1. Energy Access in South Asia: Incubating Innovation in Rural Electrification through Off-grid Solutions: <b>Abhijith Jayanthi</b>, Sonnergie UG, Munich</li> <li>2. Fast Identification of Fault Location with Fault Passage Indicators under Network Reconfiguration: <b>Pradeep Kumar Yemula</b>, <b>Viplav Chaitanya</b>, IIT Hyderabad</li> <li>3. Open Automated Demand Response: Industry Value to Indian Utilities and Knowledge from the Deployment: <b>Rajesh V. Poojary</b> (Honeywell), <b>Girish Ghatikar</b> (LBNL), <b>Ganesh Das</b> (TPDDL)</li> <li>4. Power Management of a Hybrid Microgrid: <b>Md. Umar Hashmi</b> (IIT-B), <b>Jayesh G. Priolkar</b>, (Goa University)</li> </ol>
14:00-15:30	<b>Track D: Technical Paper Presentation</b>
PARIJATHA	<b>Session D5: Narang Kishore, Narnix</b> <ol style="list-style-type: none"> <li>1. High availability automation network in Digital Substation using PRP and HSR redundancy protocol: <b>Suraj Kumar Pardeshi</b>(CG Global R&amp;D Center)</li> <li>2. An Assessment of a Cost-effective Demand Response Scenario A case study for Jordan: <b>Eg. Mazen alnabulsi</b>, <b>Ibrahim Hasasn</b>(NEPCO)</li> <li>3. Real-Time Control Of Power Distribution using LT and HT Smart Grid Switches: <b>G.V.Sukumara</b>, <b>Ashwin K. Gonibeed</b>(PRAPATI Chennai &amp; New York)</li> <li>4. Simulating a Connected Micro-Smart Grid: <b>Himank Shanker</b>, <b>Prof. Amit Garg</b>, <b>Mayank Tibrewala</b>, <b>Shreya Chandra Shekar</b>, <b>Jyoti Maheshwari</b>(IIM Ahmedabad)</li> <li>5. Estimation of Potential and Value of Demand Response for Industrial and Commercial Consumers in Delhi: <b>Ranjit Deshmukh</b>, <b>Rongxin Yin</b>, <b>G. Ghatikar</b>(LBNL)</li> <li>6. Automating LV Distribution Networks using sensor technologies: <b>Jayant Sinha</b>(ENZEN GLOBAL)</li> </ol>



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