

January 9, 2013

Shangrila's Eros Hotel, Ashoka Road, New Delhi

Tentative Agenda

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| 09:30AM-10:00AM | Registration and Tea/Coffee |
| 10:00AM-10:30AM | <p>Inaugural Session</p> <ul style="list-style-type: none"> ▪ Welcome address: Dr. R K Pachauri, Director General, The Energy and Resources Institute ▪ Special address: Mr. Abhay Samant, Head (R&D), National Instruments India ▪ Inaugural address: Mr. P Umashankar, Secretary, Ministry of Power, Government of India* <p>Vote of Thanks.</p> |
| 10:30AM-11:30AM | <p>Session-I: Smart Design Techniques</p> <p>Moderators: Mr. K Ramanathan, Distinguished Fellow, The Energy and Resources Institute and Mr. Amit Kumar, Director, The Energy and Resources Institute</p> <ul style="list-style-type: none"> ▪ Designing Smart Embedded Systems using Graphical System Design: National Instruments ▪ COTS approach to Smart Inverter Design: Indian Institute of Technology, Jodhpur and National Instruments ▪ Road map of Solar Energy Technology: Ministry of New and Renewable Energy ▪ RE Integration Issues with Grid and Role of Forecasting: The Energy and Resources Institute |
| 11:30AM-11:45AM | Tea/Coffee |
| 11:45AM-01:00PM | <p>Session-II: Application of Smart Techniques</p> <p>Moderators: Dr. Bibek Bandyopadhyay, Advisor, Ministry of New and Renewable Energy and Mr. Abhay Samant, Head (R&D), National Instruments</p> <ul style="list-style-type: none"> ▪ Synchrophasors for greater Grid Stability: National Instruments ▪ Solar Field Controls for Solar Thermal Power Tower Systems: SunBorne Energy Technologies ▪ Energy Conversion and Storage System: Deeya Energy India (P) Ltd. ▪ Technologies for Smart Mini/Micro-Grids: NexGEN Consultancy (P) Ltd. ▪ Application of Smart Technologies in Renewable Energy, initiative taken by TERI: The Energy and Resources Institute |
| 01:00PM-2:00PM | <p>Panel Discussion on "Smart Interventions for Renewable Energy Integration and Demand Side Management".</p> <p>Context Setting: The Energy and Resources Institute</p> <p>Moderator: Mr. K Ramanathan, The Energy and Resources Institute</p> <p>Panelists:</p> <ul style="list-style-type: none"> ▪ Mr. YK Sehgal, Executive Director, Power Grid Corporation of India Limited ▪ Ms. Mili Majumdar, The Energy and Resources Institute ▪ Mr. Arup Ghosh, Tata Power Delhi Distribution Limited ▪ Mr. Ananth Chandramouli, Infosys Limited ▪ Mr. Rakesh Tirath, Tata Consultancy Services Limited ▪ Mr. Pradeep Nair, National Instruments ▪ Dr. OS Sastry, Solar Energy Centre, Ministry of New and Renewable Energy <p>Recommendation and way forward.</p> |

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| 02:00PM onwards | Lunch and Demo List of Demo: <ul style="list-style-type: none">▪ Solar Tracker: National Instruments▪ Smart Grid Setup with NI-PMU: National Instruments▪ Inverter Control Demo on National Instruments Embedded Platform – GPIC: National Instruments▪ AMR, Smart Metering and Distribution Demo: NexGEN Consultancy (P) Ltd.▪ Power Electronics Circuit designing on Multisim – Co-Simulation Concept: National Instruments▪ WSN for Environmental Monitoring and Solar String Monitoring with SCADA: National Instruments▪ Machine Condition Monitoring Demo for Wind Generators: National Instruments▪ Enterprise Load Management and Control for Mini/Micro-Grids: The Energy and Resources Institute▪ Smart Mini Grid (SMG): The Energy and Resources Institute▪ Smart Controller Laboratory (SCLab): The Energy and Resources Institute |
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*Invited.