



# 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)



Organiser:

**ISGF**

India Smart Grid Forum

Co-organiser:



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NEW ENERGY FINANCE



# India SMART GRID Week 2015

The emergence of India as a strong economic power is receiving widespread recognition in the world. On the other hand, although we operate the fourth largest power system in the world, one-third of our population have no access to electricity and our percapita consumption of electricity is one-fourth of the world average! Transmission and Distribution losses in India are also quite high - about 26% in distribution and more than 7% in transmission! Government of India (GoI) and other stakeholders have realized that by implementing incremental improvements in a business as usual scenario we will not be able to provide 24x7 electricity to all households in the country - it requires innovative strategies, breakthrough technologies and bold decisions. In 2013, GoI issued Smart Grid Vision and Roadmap for India; and the newly elected Government in India is committed to provide 24x7 electricity to all households in next 5 years and has recently launched 3 focused programs towards this objective with a total capital outlay of US\$ 14 billion. The new Government has announced an ambitious program to build 100 Smart Cities on fast track and also add 150 GW of renewable energy (100 GW solar and 50 GW wind) generation capacity by 2022! With all these ground breaking initiatives, India has already emerged as the prime destination for Smart Grids and Smart Cities.

ISGF is pleased to announce **India Smart Grid Week (ISGW) 2015** scheduled from 02 - 06 March, 2015 in Bangalore, India. ISGW 2015 is planned as a Conference cum Exhibition that will bring together India's leading Electricity Utilities, Policy Makers, Regulators, Investors and world's top-notch Smart Grid and Smart City Experts and Researchers to discuss trends, share best practices and showcase next generation technologies and products.

#### Topics:

- Introduction to Smart Grids by ISGF
- Communication Technologies for Smart Grids and Smart Cities by ISGF
- 4 Parallel Master Classes:
  - a). IEC 61850 by Christoph Brunner, Chair of IEC Working Group on 61850 (under TC-57)
  - b). Cyber Security by National Critical Information Infrastructure Protection Centre (NCIIPC) & ISGF
  - c). Energy Storage Technologies by India Energy Storage Alliance (IESA)
  - d). Smart Microgrids by General Microgrids Inc.

Day 1 2nd March, 2015

Smart Grid  
Tutorial

Day 2 3rd March, 2015

Full Day  
Conference and  
Inauguration of  
Exhibition

Day 3 4th March, 2015

Full Day  
Conference and  
Exhibition

Day 4 5th March, 2015

Full Day  
Conference and  
Exhibition

Day 5 6th March, 2015

Site Visit



# CONFERENCE STRUCTURE

<b>Plenary Session - 1:</b> 03 March 2015	Smart Grid Projects Update, Lessons Learnt, Business Models and Key Emerging Trends
<b>Plenary Session - 2:</b> 03 March 2015	MODI Era – India's Big Leap to Modernity?
<b>Plenary Session - 3:</b> 04 March 2015	Smart Grids to Smart Cities and Smart Communities
<b>Plenary Session - 4:</b> 04 March 2015	International Collaboration, Joint Research, Development and Deployment Projects to bring down costs
<b>Plenary Session - 5:</b> 05 March 2015	Emerging Technologies that New India should embrace for the Big Leap!

<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>
A1: Smart Generation and Integration	B1: Smart Energy Market Design and Regulatory Support
A2: Smart Transmission - Network Stability and Operation	B2: Smart Cities & Smart Homes and other emerging technology trends
A3: Smart Distribution - Evolution of the Distribution Grid	B3: Smart Customer
A4: Smart Metering	B4: Smart Grid Communications and Cyber Security
C1: Standards and Inter-operability	C2: Training and Capacity Building

## EXHIBITION THEMES

- Smart Meters, DCUs, Headends and Mdm
- Communication Solutions
- Transformer Monitoring Systems
- SCADA/DMS
- Distribution Automation and Substation Automation
- HVDS
- Gas Insulated Substations
- WAMS, PMUs, PDCs, WACS
- EV Charging Infrastructure and Payment Systems
- V2G and B2G Technologies
- Microgrids
- Energy Storage Technologies
- Smart Homes and HEMS
- Renewable Energy Resources – Tools for forecasting, scheduling and dispatching
- Demand Response
- Net Meters
- Smart Cities
- Smart Water
- Big Data and Analytics
- Cloud Computing for Smart Utilities/Smart Cities

## CONFIRMED SPEAKERS:

Several internationally renowned experts, scientists and thinkers have confirmed to speak at ISGW 2015. Please see details at: [www.isgw.in](http://www.isgw.in)

## CONFIRMED COUNTRY PAVILIONS:

• China • Finland • Gulf Coordination Countries (GCC) • Israel • Japan • Netherlands • Philippines • Sweden • USA



# SPONSORSHIP OPPORTUNITIES

SPONSORSHIP CATEGORY & FEE	SPONSORSHIP BENIFITS								
	Exhibition Space (Extra Space at 50%)	Delegate Passes	Speaking Slot	Logo Size	Catalogue Advertisement	Ad Space in knowledge paper	VIP Car Passes	Reserved Table at Cultural Event	Discount for Additional Delegate Passes
<b>PLATINUM</b> (\$ 67,000 or ₹ 4,000,000)	54 Sqm	10	Yes	Big	Yes	1 Page	4	Yes	50%
<b>GOLD</b> (\$ 42,000 or ₹ 2,500,000)	36 Sqm	6	Yes	Big	Yes	½ Page	2	Yes	30%
<b>SILVER</b> (\$ 25,000 or ₹ 1,500,000)	24 Sqm	3	No	Regular	Yes	¼ Page	1	Yes	20%
<b>BRONZE</b> (\$ 10,000 or ₹ 500,000)	9 Sqm	1	No	Regular	Yes	Small Banner	1	No	15%

For Other Sponsorship Opportunities, please contact: [ronkini.shome@indiasmartgrid.org](mailto:ronkini.shome@indiasmartgrid.org)

\*12.36% service tax extra

## PARTICIPATION FEES

Delegate Package	Early Bird		Regular		ISGF Members		Students/Utilities	
	Intl.	India	Intl.	India	Intl.	India	Intl.	India
<b>3 Days Conference Pass</b> (03 to 05 March 2015)	\$500	₹ 28,000	\$600	₹ 35,000	\$450	₹ 25,000	\$100*	₹ 5,000*
<b>1 Day Conference Pass</b> (03 or 04 or 05 March 2015)	\$250	₹ 12,000	\$300	₹ 15,000	\$200	₹ 10,000	\$50*	₹ 2,000*
<b>Tutorial Pass - 1 Day</b> (02 March 2015)	\$100	₹ 5,000	\$150	₹ 7,500	\$100	₹ 5,000	\$25*	₹ 1,000*
<b>Site Tour</b> (06 March 2015)	\$100	₹ 5,000	\$100	₹ 5,000	\$100	₹ 5,000	\$100*	₹ 5,000*
<b>Full Package</b>	\$600	₹ 32,000	\$700	₹ 40,000	\$550	₹ 30,000	\$200*	₹ 10,000*

\*Students & Utilities who are ISGF Members get additional 10% discount

\*12.36% service tax extra

Exhibitor Packages	International	India
Shell Scheme	\$ 260 per sqm.	₹ 11,000 per sqm.
Bare Space	\$ 240 per sqm.	₹ 10,500 per sqm.

\*12.36% service tax extra

### EXHIBITOR'S LOUNGE FOR FAST PITCH SESSIONS

The Exhibition floor has a presentation lounge with capacity of 60 seats that can be used by Exhibitors for fast pitch sessions at no additional cost. Details at: [www.isgw.in](http://www.isgw.in)



# KEY REASONS TO ATTEND



- Get **INSIGHTS** into all relevant areas of Smart Grid Opportunities in India: Political Scenarios, Energy Storage Technologies, Communications Solutions, Microgrids, Transformers Communication Systems, Smart Cities and Smart Meters and Renewable Energy Resources.



- **MEET** the top decision makers from the utilities, governments and research institutions.



- **NETWORK** - India Smart Grid Week provides the perfect platform to network during the conference, the accompanying trade fair and the exclusive networking dinner.



- **DISCUSS** the important issues related to Smart Grid development and related topics.



- **HEAR** international opinions and perspectives on our future Grid Systems.



- **LISTEN** to the keynotes of global leaders of energy, economics and technology.



- **LEARN** from the top players in the market as well as high-level research institutes on how your company can gain from the developments in the industry.

## PARALLEL EVENTS DURING CONFERENCE:

<b>Day-1 (02 March 2015)</b>	US-India Smart Grid Workshop sponsored by USTDA. (by invitation only*)
<b>Day-2 (03 March 2015)</b> 11.30am - 03.30pm	Special Luncheon Round Table on "Smart Grid - Opportunities and Challenges in the Gulf countries" with Senior Policy Makers from Gulf Cooperation Countries. (by invitation only*)
<b>Day-3 (04 March 2015)</b> 11.30am - 03.30pm	Special Luncheon Session on "Smart Regulations for Smart Grids and Smart Cities" for Regulators and Policy Makers. (by invitation only*)
<b>Day-4 (04 March 2015)</b> 11.30am - 03.30pm	Special Luncheon Session and launch of ISGF's Smart Utilities Group (SUG). SUG is a voluntary Forum for utilities to share their experiences and learn from each other on smarter initiatives and implementation of new technologies. (by invitation only*)

\*For Invitation write to: [ronkini.shome@indiasmartgrid.org](mailto:ronkini.shome@indiasmartgrid.org)

## PARALLEL EVENTS DURING EXHIBITION:

### Day-2, 3 and 4 ISGF - TiE - IAN Innovation Hub:

ISGF in collaboration with The Indus Entrepreneurs (TiE) and Indian Angel Network (IAN) is organizing an Innovation Hub at ISGW 2015 where start-ups and entrepreneurs can exhibit their technologies/solutions to potential investors and clients. Innovation Hub will be at the exhibition floor and will be open on 03-04-05 March 2015.

\*For Invitation write to: [reena.suri@indiasmartgrid.org](mailto:reena.suri@indiasmartgrid.org)

## FOUR SITE TOURS ON 06 MARCH 2015

<b>TOUR-1</b>	Visit to Smart Grid Pilot Project in Mysore (including historical landmarks in Mysore City)
<b>TOUR-2</b>	Visit to Southern Regional Load Dispatch Centre (SRDLC) in Bangalore and Control Room of Bangalore Electricity Supply Company (BESCOM) and Central Power Research Institute (CPRI)
<b>TOUR-3</b>	Tour of India's Silicon Valley - visit to campuses of some of India's largest IT companies
<b>TOUR-4</b>	Bangalore City Tour including Nandi Hills

For Participation please write to: [sapna.gopal@indiasmartgrid.org](mailto:sapna.gopal@indiasmartgrid.org)

\*All Tours by Air-conditioned luxury Buses

## SMART GRID TUTORIAL AND FOUR MASTER CLASSES ON 02 MARCH 2015

<b>IEC 61850</b>	Christoph Brunner, Chair of IEC Working Group on 61850 (under TC-57)
<b>Cyber Security for Critical Information Infrastructure</b>	National Critical Information Infrastructure Protection Centre (NCIIPC) & ISGF
<b>Energy Storage Technologies</b>	India Energy Storage Alliance (IESA)
<b>Smart Microgrids</b>	General Microgrids Inc.

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## Supporting Ministries



सत्यमेव जयते  
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Government of India



# To participate in ISGW 2015 as an Exhibitor, Sponsor, Speaker or Delegate, please contact:

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\* Legend