



India SMART GRID Week 2017

International Conference & Exhibition
on Smart Grids & Smart Cities

March 07 - 10, 2017

Manekshaw Center, Dhaula Kuan
New Delhi, INDIA



ORGANISER

SUPPORTING MINISTRIES

HOST UTILITY

ISGF
India Smart Grid Forum



www.isgw.in

@isgw2017

India Smart Grid Week 2017

India is presently spearheading some of the largest transformation projects with technology interventions for building smart cities, renewable energy and power grid modernization. Honorable Prime Minister Shri Narendra Modi has committed to provide 24x7 reliable supply of electricity to all the citizens in the next 5 years. In order to achieve this noble objective several targeted programs have already been launched by Government of India which include: (1) Deen Dayal Upadhyaya Gram Jyoti Yojana with an investment of US\$ 7 billion, (2) Integrated Power Development Scheme that covers 5000 towns with an investment of US\$ 6 billion, (3) North Eastern Regional Power System Improvement Project (NERPSIP) with an investment of US\$ 1 billion, (4) New RE Program with a target of 175 GW by 2022 and investment commitment of US\$ 260 billion, (5) 100 Smart Cities and Rejuvenation of 500 towns where smart grids will provide clean and sustainable energy, (6) National Mission on Electric Mobility with a target of 6-7 electric vehicles by 2022; and (7) National Smart Grid Mission (NSGM) that will take up development of smart grids on fast track in coordination with the above programs. Government of India is planning to roll out of 250 million Smart Meters in next 5-7 years.

Besides on the policy side also several measures are taken to implement the above programs successfully. These include an Amendment to the Electricity Act 2003 (which is in the Parliament presently) that will usher in an era of retail competition in electricity distribution; Model Smart Grid Regulations approved by the statutory body of Forum of Regulators, Indian Standards for Smart Meters (IS 16444 - 2015 & IS 15959 Part 2, 2016) issued by Bureau of Indian Standards; and Net Metering Policies in 25 States.

INDIA SMART GRID WEEK (ISGW 2017) is the third edition of the Conference cum Exhibition on Smart Grids and Smart Cities, organised by India Smart Grid Forum from 07-10 March 2017 at Manekshaw Centre, Dhaula Kuan, New Delhi, India. Tata Power Delhi Distribution Company Limited (TPDDL) is the Host Utility for ISGW 2017.

ISGF is a public private partnership initiative of the Ministry of Power, Govt. of India with the mandate of accelerating smart grid deployments across the country. With 200+ members comprising of ministries, utilities, technology providers, academia and research, ISGF has evolved as a Think-Tank of global repute on Smart Grids and Smart Cities.

ISGW 2017: Event Structure

Day-1 07 March 2017 Tuesday Technical Tours and Smart Grid Tutorial (Optional)	Day-2 08 March 2017 Wednesday Conference and Exhibition Welcome Reception and Cultural Programs	Day-3 09 March 2017 Thursday Conference and Exhibition Awards Night and Gala Dinner	Day-4 10 March 2017 Friday Conference and Exhibition Musical Evening (Optional)	Day-5 11 March 2017 Saturday Cultural Tours: Delhi & Taj Mahal (Optional)
-------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------

ISGW 2017: Conference Themes

- A) Relevance of Smart Grids in India**
 1. Smart Grids for 24x7 Power Supply to ALL
 2. Smart Grids for T&D Loss Reduction
 3. Smart Grids for Renewable Energy Integration
 4. Smart Grids for Electric Vehicle Rollout
 5. Smart Grids for Smart Cities
 6. Smart Grids for Separation of Carriage and Content - retail competition
 7. Smart Grids for Ancillary Services
- B) Evolving Technology Trends for Grid Modernization**
- C) Disruptive Innovations of the 21st Century and its Impact on Utilities**
- D) Learnings from Smart Grid Projects**
 1. Learnings from Global Smart Grid Pilot Projects - USA, Canada, Europe, Japan, S. Korea, Australia, China
 2. Learnings from large Smart Grid deployment projects in USA, Europe, China
 3. Learnings from the 14 Smart Grid Pilot Projects in India
 4. Learnings from the Private Discoms in India
- E) Case Studies of Successful Smart Grid Projects - select projects that won ISGAN Awards in 2014, 2015 and 2016**
- F) Smart Microgrids for Campuses, Railway Stations, Sea Ports, Airports, Industrial Parks, Military Bases, Hotels, Hospitals and Commercial Complexes**
- G) Cyber Physical Security of the Critical Infrastructure**
- H) Standards and Interoperability of Equipment and Systems**
- I) Communications Solutions for Smart Grids and Smart Cities**
- J) Smart Grids as Anchor Infrastructure for Smart Cities**
- K) 250 Million Smart Meters in India - Rollout Strategies and Timelines**
- L) Electric Vehicle Charging Infrastructure Rollout Strategies in Indian Cities**
- M) Towards 100% Renewables**

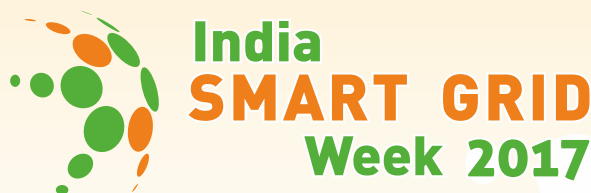
ISGW 2017: Exhibition Themes

- Smart Meters, Net Meters, DCUs, Head-End Systems, MDM
- Communication Equipment and Solutions
- Transformer Monitoring Systems
- SCADA/EMS/DMS
- Distribution Automation and Substation Automation
- Gas Insulated Substations
- WAMS, PMUs, PDCs, WACS
- HVDS
- Geographical Information Systems
- Smart Homes, Home Energy Management Systems (HEMS), Home Automation
- Community Energy Management Systems (CEMS), Building Energy Management Systems (BEMS), Factory Energy Management Systems (FEMS)
- Electric Vehicles (EV) and EV Supply Equipment or Charging Infrastructure (EVSE) and Payment Systems
- V2G and B2G Technologies
- Microgrids
- Energy Storage Technologies - Batteries (Fuel Cells, NaS, LiB, Flow Batteries); Compressed Air Energy Storage (CAES), Fly Wheels, Super Capacitors etc
- Renewable Energy Resources - Solar (PV, CPV, Thermal), Wind, Biofuels, Wave Energy etc
- Tools for forecasting, scheduling and dispatching of renewable energy
- Smart Inverters, Harmonic Compensators
- Demand Response
- LVDC Grids, Nano Grids
- M2M Communications and IoT
- Smart City Solutions
- Smart Street Lighting
- Energy Efficiency
- Net Zero Energy Buildings
- Mobile Applications
- Big Data and Analytics
- Cloud Computing for Smart Utilities and Smart Cities
- Cyber Security
- Standards and Interoperability
- Robotics, Drones, Wearable Devices, 3-D Printing
- Social Media
- Nano Technology and New Materials - Carbon Fiber, Graphene, Shrilk, Stanene, Designer Nano Crystals, Ultrathin Platinum, Self-Healing Plastics, Metamaterials

International Events in Conjunction with ISGW 2017

1. ISGAN ExCo Meeting*
2. GSGF Annual Meeting
3. Fifth EU-India Smart Grid Workshop
4. Third Canada - India Smart Grid Workshop
5. Third US-India Smart Grid Workshop
6. First Israel - India Smart Grid Workshop
7. First South Korea- India Smart Grid Workshop
8. Plenary Meeting of IEC PC 118*

*ISGF Offered to host these events; confirmations expected by Q3/2016



ISGF Announces

CALL FOR TECHNICAL PAPERS FOR ISGW 2017

All abstracts must be emailed to tp@isgw.in

Last date for submitting the abstract of technical paper: 31st Oct, 2016

ISGF Innovation Awards at ISGW 2017

India Smart Grid Forum proudly presents the country's first and most prestigious Innovation Awards in the Smart Grid and Smart Cities Segments. The Awards will be presented during India Smart Grid Week 2017 from 7 - 10 March 2017 at a glittering ceremony which will be held in New Delhi, India.

ISGF Innovation Awards 2017 is a global event that focuses and celebrates personalities, projects & products from companies that have set the new benchmark in Smart Grid and Smart Cities Segments.

Entries are welcome from all over the India to win these highly coveted awards. The Awards provide an excellent opportunity to rub shoulders and network with the very best in the industry. Above all, the winners will get a chance to be featured in the ISGF Bulletin, India Smart Grid Week - 2017 (an international event) and India Smart Grid Knowledge Portal, thereby garnering national as well as international recognition.

Following are the Award Categories for which entries are invited:

S. No.	Awards Categories
1	Best Smart Grid Pilot Project in India
2	Best RAPDRP Part A implementation in India - Utility
3	Best RAPDRP Part A implementation in India - System Integrator
4	Most Progressive Smart City in India
5	Innovative Policies and Regulations Promoting Renewables and Smart Grids in India
6.	A. Smart Startup of the Year 2016 B. Smart Startup by Woman Entrepreneur in 2016 C. Smart Startup by Young Entrepreneur (below 25 years of age) in 2016
7.	Smart Incubator of the Year 2016
8	Best Energy Efficiency Programs/Projects of the Year 2016
9.	Smart Technology of the Year 2016
10.	ISGF President's Award for the best contribution towards growth of Smart Grids in India

Further Details will be announced on ISGW Website (www.isgw.in) and India Smart Grid Knowledge Portal (ISGF - www.indiasmartgrid.org) very soon.

For more information, please write to us at isgw@isgw.in

Competitions at ISGW 2017

Location: NSIT, Delhi | Date: 20 - 22 January 2017*

HACKATHON: Securing the Grid

Prize: INR 3,00,000

For participating in the HACKATHON, please write to Hem Thukral: hemthukral@indiasmartgrid.org

INNO-THON: Innovating the Grid

Prize: INR 1,00,000

For participating in the INNO-THON, please write to Akshay Ahuja: akshay@indiasmartgrid.org

APP-ATHON: App development for Smart Grids and Smart Cities

Prize: INR 1,00,000

For participating in the APP-ATHON, please write to Amol Sawant: amol.sawant@indiasmartgrid.org

*(This date was previously announced as 23-24 January, 2016 which has now been changed to 20-22 January, 2017)

Prize Money

US\$ 1000

₹70,000

ISGF
India Smart Grid Forum

Announcing Global Competition for
**Design of Memento/Trophy/Plaque
for ISGF Awards**

Last date for
submitting
the Design

**31st October
2016**

For more information, please contact: sneha@indiasmartgrid.org or visit www.isgw.in

ISGW 2016: Highlights

The Second Edition of India Smart Grid Week held in March 2016 in New Delhi witnessed participation of over 1500 experts and delegates representing nearly 400 organizations. ISGW 2016 had the support of ministries of Power, New and Renewable Energy, External Affairs, DoT and DST as well as several international organizations such as IEC, IEEE, ISGAN, CIGRE, UKTI, US Chamber of Commerce, GSGF, USTDA, European Commission etc. Tata Power Delhi Distribution Ltd was the host utility for ISGW 2016. All these institutions will extend support for ISGW 2017 which is planned as an international Conference and Exhibition that will bring together India's leading Electric 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.



ISGW 2016 HIGHLIGHTS





India SMART GRID Week 2017

ISGW 2017 PARTICIPATION OPPORTUNITIES

PARTNERSHIP OPPORTUNITIES & BENEFITS

PARTNERSHIP CATEGORY	Partnership Fee		Benefits			
	INR	USD	Exhibition Space	Delegate Passes	Speaking Slot	Award and Recognition*
PRINCIPAL	50 Lacs	84K	36	25	Keynote	Yes
POWERED BY	40 Lacs	67K	27	20	Keynote	Yes
PLATINUM	25 Lacs	42K	18	15	Yes	Yes
GOLD	20 Lacs	34K	12	10	Yes	Yes
SESSION PARTNER	20 Lacs	34K	9	10	Yes	Yes
SILVER	15 Lacs	25K	9	7	Yes	Yes
SPEAKER LOUNGE	15 Lacs	25K	Lounge	7	Yes	Yes
WELCOME RECEPTION (8 MARCH)	15 Lacs	25K	-	7	Yes	Yes
GALA DINNER (9 MARCH)	15 Lacs	25K	-	7	Yes	Yes
TECHNOLOGY PARTNER	10 Lacs	17K	-	5	-	Yes
REGISTRATION COUNTER	10 Lacs	17K	-	5	-	Yes
CONFERENCE LUNCH	10 Lacs	17K	-	5	-	Yes
LANYARDS	10 Lacs	17K	-	5	-	Yes
DELEGATE BAGS	10 Lacs	17K	-	5	-	Yes
BRONZE	7.5 Lacs	13K	-	3	-	Yes

* All Key Partners will be felicitated during Gala Dinner and a Plaque of Recognition will be awarded.

DELEGATE PARTICIPATION FEES

DELEGATE PACKAGES	Delegate Fee		Indian Utilities / Students
	INR	USD	INR
3 Day Conference Package with Tutorials or Technical Tour	30,000	500	5,000
3 Day Conference Package	25,000	420	-
1 Day Conference Pass with Tutorials or Technical Tour	20,000	340	-
1 Day Conference Pass	15,000	250	-

* Early Bird: 15% discount on above packages up to 31st Oct 2016

* ISGF Members: 10% discount on above packages

* Service Tax extra as applicable

EXHIBITION PACKAGES

DETAILS	International (USD)	Indian (INR)	Minimum Space
Shell Scheme	400 Per SqM	20,000 Per SqM	9 SqM
Bare Space	300 Per SqM	15,000 Per SqM	18 SqM

* Service Tax extra as applicable

For Participation in ISGW 2017, please contact: isgw@isgw.in; reena.suri@indiasmartgrid.org

For more information about ISGW 2017, please visit www.isgw.in