

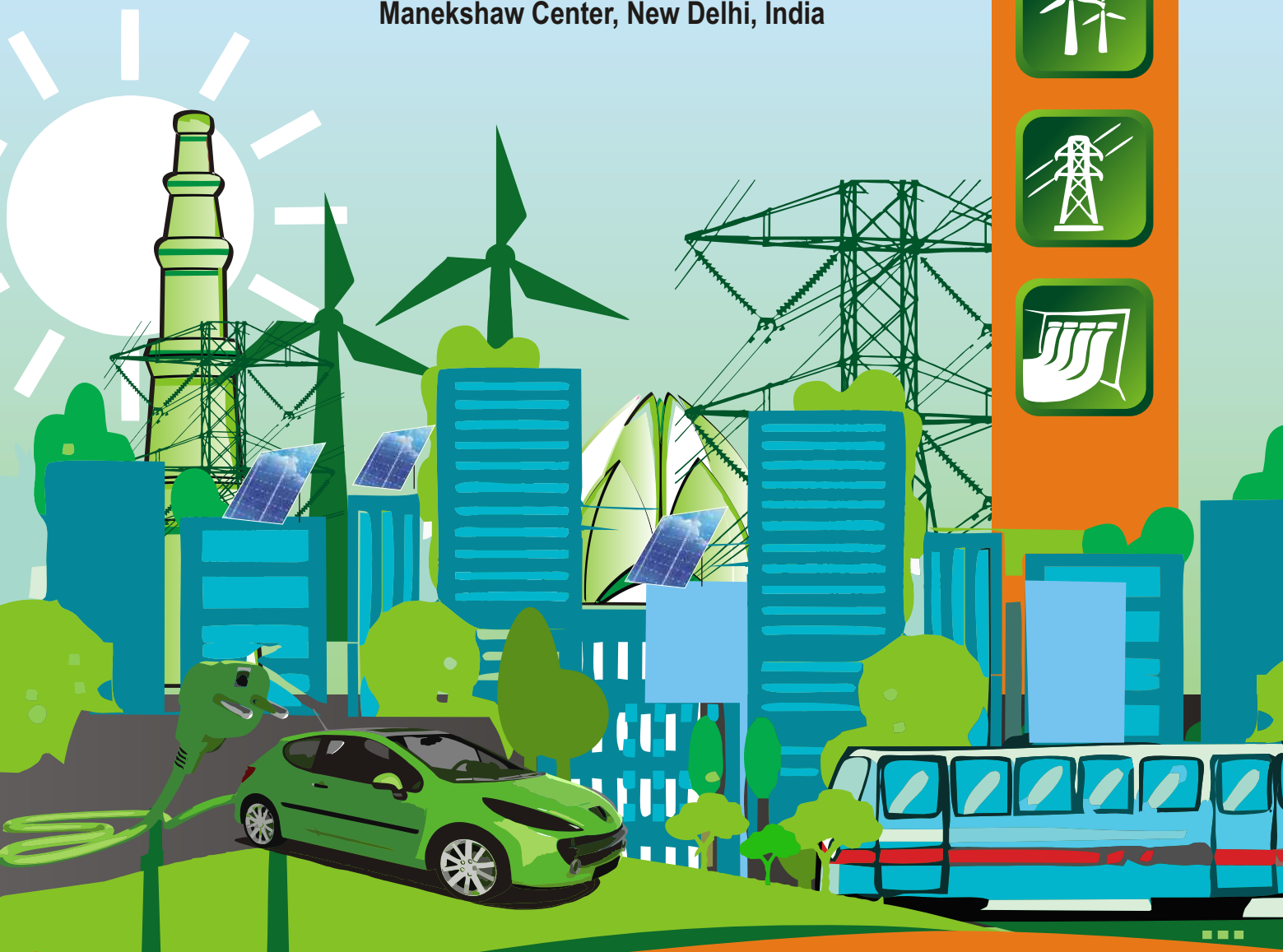


India SMART GRID Week 2018

International Conference & Exhibition
on Smart Grids & Smart Cities

March 05 - 09, 2018

Manekshaw Center, New Delhi, India



Organiser

Supporting Ministries

Host Utility

ISGF
India Smart Grid Forum



सर्वोच्च न्यायालय
Ministry of Power
Government of India



सर्वोच्च न्यायालय
Investment & Technology Promotion Division
Ministry of External Affairs
Government of India



सर्वोच्च न्यायालय
Ministry of Science & Technology
Government of India



सर्वोच्च न्यायालय
Department of Heavy Industry
Ministry of Heavy Industries & Public Enterprises
Government of India



सर्वोच्च न्यायालय
Ministry of New & Renewable Energy
Government of India



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India Smart Grid Week (ISGW 2018)

INDIA SMART GRID WEEK 2018 (ISGW 2018) is the fourth edition of the International Conference and Exhibition on Smart Energy and Smart Cities, organized by India Smart Grid Forum scheduled from 05 - 09 March 2018 at Manekshaw Center, New Delhi, India. ISGW 2018 will also cover Water Distribution and City Gas Distribution domains.

ISGF is a public private partnership initiative of Govt. of India with the mandate of accelerating smart grid deployments across the country. With 180+ members comprising of ministries, utilities, technology providers, academia and research, ISGF has evolved as a Think-Tank of global repute on Smart Energy and Smart Cities.

ISGW 2018 will bring together India's leading Electricity, Gas and Water Utilities, Policy Makers, Regulators, Investors and world's top-notch subject matter Experts and Researchers to discuss trends, share best practices and showcase next generation technologies and products in smart energy and smart cities domains. ISGW 2018 will include plenaries, interactive workshops, panels, keynotes, technical sessions and exhibition.

ISGW 2017 HIGHLIGHTS



Glimpses of ISGW 2017



ISGW 2018: Conference Themes

GRID MODERNIZATION	SMART METERING	E-MOBILITY	SMART CITIES	RENEWABLES & MICROGRIDS	DISRUPTIVE INNOVATIONS & TECHNOLOGY TRENDS	CROSS CUTTING THEMES
Learnings from Smart Grid Projects	Rollout Plan of 250 million Smart Meters	Plans for : 7 million EVs; 100,000 Electric Busses; 250,000 EV Charging Stations	Smart and Grid Interactive Buildings	Plans for: 500 GW Renewables by 2030; 31,000 Microgrids; 20 GW Energy Storage	Internet of Energy and Digital Utility	Cyber Security, Data Science, Data Security
Smart Flexible Future Power Systems	International Experiences		Waste-to-Energy		Solid State Transformers; Solid State Batteries	Skill Crisis for the 21 st Century
Smart Asset Management and; Decision Making Framework (ISO - 55000)	Business Models	Vehicle- Grid Integration (VGI)	Smart Water	DER & Active Demand Integration	Artificial Intelligence, Machine Learning, NLP	New Tools for Customer Engagement - Social Media, Chatbots
Super Grids	IoT Technologies and Standards	EVSE Management Systems	Smart Mobility	Community Energy	Wearable Devices Virtual/ Augmented, Mixed Realities	Power Markets and Smart Grids; Dynamic Tariffs
Extreme Events and Grid Reliability GMD/EMP	Client Clustering and; Dynamic Load Profiling	Battery Technologies for India	Smart City Gas Distribution	New Technologies in Renewables	Blockchain, P2P Trading, DR Trading	Standards & Interoperability
Regulatory Support for Grid Modernization	Big Data, Small Data and; Advanced Analytics	Battery Management System	Smart Street Lights	REMCs, RE Forecasting Models	Robotics, Process Automation	Smart Policies and Regulations for 21 st Century
		EV Challenges to Utilities	Digital Security Surveillance	Intentional Islanding and Reliability Enhancement	Autonomous Vehicles, Drones	
		Personal E-mobility and; Drones	Smart Customers/ Citizens		Uberization - Everything as a Service	

ISGW 2018: Parallel Events and Workshops- Themes

Smart Water	24x7 Water Distribution: Challenges & Solutions	Integrated Water Policy and Regulations	Emerging Technologies in Water Distribution	Water Treatment and Quality of Water	Non-Revenue Water (NRW) Management	PPP Models for Water Distribution & Concession Agreements	Financing of Water Infrastructure	Water Reuse and Resource Reclamation	Water and Waste Water: Treatment and Management
Smart City Gas Distribution	Automation and Digitization in CGD; GIS and SCADA	AMR, MDM, Billing & CRM; Complaints Management	Management of Loss of Unaccounted Gas (LAUG) in CGD	Safe O&M of CGD Networks and Regulations	New Technologies in Infrastructure Construction	Interior Piping Practices in Europe & America	Single Billing & CRM for multi-utilities in Smart Cities		
Other Workshops	2 nd IEC - IEEE World Smart Energy Standardization Coordination Workshop*	5 th EU-India Smart Grid Workshop*	4 th US - India Smart Grid Workshop*	3 rd Sweden-India Smart Grid Workshop*	3 rd Canada-India Smart Grid Workshop*	2 nd Round Table on FDI for Smart Infrastructure*	Smart Grid for Smart Cities**		

*Agenda under finalization | **In association with Think Smart Grids, France



ISGW 2018: ISGF Innovation Awards | 08 March 2018

India Smart Grid Forum proudly presents the country's most prestigious Innovation Awards in the Smart Grid and Smart Cities Segments. The Awards will be presented during India Smart Grid Week 2018 at a glittering ceremony which will be held on 08th March 2018 in New Delhi, India. ISGF Innovation Awards 2018 is a global event that focuses and celebrates personalities, projects and products from utilities and technology companies that have set a new benchmark in Smart Grid and Smart City Segments.

Award Categories

Best Smart Grid Pilot Project in India by Utility

Best Smart Grid Pilot Project in India by Industry

Best Rural Electrification Projects- Utility

Best Rural Electrification Projects by Industry

Most Progressive Smart City in India

Innovative Policies and Regulations Promoting Renewables and Smart Grids in India

Best Energy Efficiency Programs/ Projects of the Year 2017

Smart Technology of the Year 2017



Innovative EV of the Year

Smart Startup of the Year

Smart Startup by Woman Entrepreneur

Smart Startup by Young Entrepreneur (below 30 years of age)

Smart Incubator of the Year 2017

Most Progressive Water Utility in India

Most Progressive Gas Utility in India

ISGF President's Award for the best contribution towards growth of Smart Grids in India


Last date to submit Nominations: 15th December 2017.

For more details visit ISGW Website (www.isgw.in) and please write to us at awards@isgw.in

ISGW 2018: Supporting Organisations

BROOKINGS INDIA





India SMART GRID Week 2018

ISGW 2018: Event Structure

05 March 2018
Monday

Master Classes

06 March 2018
Tuesday

Conference &
Exhibition

07 March 2018
Wednesday

Conference &
Exhibition

08 March 2018
Thursday

Conference &
Exhibition

09 March 2018
Friday

Technical Tours

08 March 2018 | Awards & Gala Dinner

ISGW 2018: Parallel Events

Date : 05 March 2018

**IEC-IEEE World Smart Energy
Standardization Coordination Workshop***

Date : 06 March 2018

3rd India - Canada Smart Grid Workshop*

Date : 06 March 2018

5th EU-India Smart Grid Workshop*

Date : 07 March 2018

4th US – India Smart Grid Workshop*

Date : 07 March 2018

Round Table on FDI for Smart Infrastructure*

Date : 08 March 2018

3rd India - Sweden Smart Grid Workshop*

**Agenda under finalisation*

ISGW 2018: Master Classes | 05 March 2018

Theme-1 Leading Grid Modernization

Topics Covered: Smart Metering, IoT, Advanced Applications and the Customer; Big Data, Small Data, Machine Learning, Blockchain, Advanced Analytics and Visualization

Theme-2 Leading Transition to a Smart City

Topics Covered: A strategic 360-degree and in-depth review of the current state and future direction of Smart City with its key aspects - Introduction and Best Practices; Smart Transportation and E-Mobility, Smart Water, Smart Gas, Smart Street Lighting, Smart Security, Waste2Energy, Digital Architecture and Cyber Security

Theme-3 Leading Transformation to Smart Power System of the Future

Topics Covered: The Supply Side Paradigm - Integration of DER's and Renewables; and Protection, Control and Automation; The Demand Side Paradigm - Flexibility and Demand Response, Energy Storage and Microgrids, Vehicle-Grid Integration, Innovative and Sustainable Business Models

ISGW 2018: Technical Tours | 9 March 2018

1 Tata Power DDL Smart Grid Lab* - Delhi

3 IBM Industrial Solutions Lab* - Delhi

2 National Load Dispatch Center* - Delhi

4 Smart Grid Pilot Project* - Panipat

For more details, please visit: www.isgw.in For queries email us at logistics@isgw.in

Please Note: Registration as a delegate for 3 days ISGW 2018 will be required. Any one tour can only be attended by a delegate.

**Programs under finalisation*

INDIA SMART GRID WEEK 2018

