



India SMART UTILITY Week 2022

02 - 04 March 2022 | NEW DELHI

www.isuw.in

8th International Conference and Exhibition on Smart Energy and Smart Mobility



Organiser

ISGF
India Smart Grid Forum

Ministry of Science & Technology
Government of India

Ministry of New & Renewable Energy
Government of India

Ministry of Environment
Forest and Climate Change
Government of India

Ministry of Jal Shakti
Government of India

Ministry of Housing and Urban Affairs
Government of India

मीटिंग आयोग
National Institution for Transforming India

Ministry of Power
Government of India

ISUW 2021 Supporting Ministries

ISUW 2021 Host Utilities

BSES
BSES Rajdhani Power Limited

BSES
BSES Yamuna Power Limited

indraprastha gas limited
an ISO 9001, ISO 14001 & OHSAS 18001 certified company

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INDIA SMART UTILITY WEEK (ISUW) 2022

India is spearheading an ambitious mission on energy transition and is the only major economies that exceeded the targets under the Paris Agreement by end of 2020. India has now set a new target of 500 GW of renewable energy by 2030; and working on innovative policies and programs for holistic transformation to decarbonize the energy, transport, manufacturing and other sectors.

Since inception in 2011, India Smart Grid Forum (ISGF) has been spearheading the movement towards digitalization of utilities in India. Highly disruptive black swan events like Covid-19 presented never before opportunities for innovation and transformation with profound implications in the long term. In the aftermath of Covid-19, digital platforms have become the coveted assets for utilities in their business continuity and resiliency. Government of India has launched a new program that mandates smart meters for all the 250 million+ electricity customers in the country. This is going to create data driven smart utilities which will open up new business opportunities for organizations providing tools and services to host and manage the humungous amounts of data utilities are expected to generate in the near future. Utilities in India have embarked on the digitalization drive and embracing emerging technologies such as Artificial Intelligence (AI), Machine Learning (ML), Robotics, Blockchain etc.

ISGF has been organising its flagship annual event, India Smart Utility Week (ISUW) since 2015 and it is considered as one of the top five international events on Smart Grids, Electric Mobility and Smart Cities. All the previous editions of ISUW (initially known as India Smart Grid Week – ISGW) were huge success that attracted the attention and participation of the who's-who amongst top-notch thinkers and utility leaders from around the globe. Technology Companies, Regulators, Policy Makers, Government Officials and Senior Officials from Electricity, Water and Gas Utilities from 50+ countries participated every year in the past editions of ISUW. Due to COVID-19, ISUW 2021 was conducted on a 3D virtual platform which was attended by over 2700 delegates and addressed by 457 Speakers from 49 Countries.

ABOUT ISUW 2022

ISUW 2022 is scheduled from 02 – 04 March 2022 at New Delhi as an International Conference and Exhibition on Smart Energy, Smart Mobility and Smarter Cities. ISUW 2022 will include plenaries, interactive workshops, keynotes, technical sessions and technical paper presentations. Bi-lateral Smart Grid workshop with EU, USA, Germany and Sweden are also being planned. Sixth edition of ISGF Innovation Awards will be organised as part of ISUW 2022 on 04 March 2022.

For Partnership, Exhibition and Participation queries, please write to us at isuw@isuw.in. For more details about ISUW 2022, kindly visit www.isuw.in.

ISUW 2022: EVENT STRUCTURE

**02 March 2022
Wednesday**

Conference &
Exhibition

**03 March 2022
Thursday**

Conference &
Exhibition

**04 March 2022
Friday**

Conference &
Exhibition

Organiser



ISGF INNOVATION AWARDS: 04 March 2022



INDIA SMART UTILITY WEEK 2022



ISUW 2021: KEY HIGHLIGHTS & GLIMPSES



Outer Facade of ISUW 2021 Conference



Conference Lobby @ ISUW 2021



Conference Hall @ ISUW 2021



Parallel Sessions @ ISUW 2021



Birds Eye View of Exhibition Area



ISGF Innovation Awards 2021

ISUW 2020: KEY HIGHLIGHTS & GLIMPSES



Special Plenary Session @ ISUW 2020



Inauguration of Conference @ ISUW 2020



Inauguration of Exhibition @ ISUW 2020 by Secretary Power Mr SN Sahai



Exhibition visit by Hon'ble Minister of Power Mr R K Singh



ISUW 2020

KEY HIGHLIGHTS

1570+ Participants

9 Supporting Ministries

26 Key Partners

31 Exhibitors

25 Supporting Media Partner

21 Theme & Session Partners

23 Countries

264 Participants from Utilities

13 Thematic Sessions

04 Special Plenary Sessions

07 Parallel Events

05 Bi-lateral Workshop

269 Speakers from 20+ Countries

42 Supporting Organisations

50 Delegates in 2 Technical Tours

50 Technical Papers Published

200+ Delegates in 4 Tracks of Master Classes

08 Award Categories

127 Award Nominations from 84 Organisations

27 Winner of ISGF Innovation Awards

16 Certificate of Merit

12,110 Social Media Votes for Finalists

ISUW 2022: CONFERENCE THEMES



Evolving Architecture of the 21st Century Grid with Two-Way Power Flows



Electric Mobility and Grid Integrated Vehicles (GIV)



Disruptive Innovations for Utilities and Smart Cities:

Artificial Intelligence, Machine Learning and Robotics; Drones, Virtual Reality, Augmented Reality and Mixed Reality, Wearable Devices, Blockchain Applications



Digitalization of Utilities and Digitalization Roadmaps



Utilities Integration and New Services and Revenue Streams for Utilities



Customer Engagement Strategies and Social Media for Utilities -Customer Portal, Chat-Bot, Voice Bot



Grid Interactive Buildings and Campuses



New and Emerging Technologies and Trends:
Green Hydrogen, District Cooling System, Electric Cooking, Urban Air Mobility Systems (UAM)



Regulations for the Evolving "Green Grid " of the 21st Century



Smart Water Distribution



Smart City Gas Distribution



Cyber Security for the Digitized Grids



Power System Flexibility



Advanced Materials for Extreme Weather Events



Live Line Maintenance in Distribution Utilities



Inter Connection of Regional Grids in Asia



ISUW 2022: BILATERAL WORKSHOPS



11th EU-INDIA
Smart Grid Workshop*



8th US-INDIA
Smart Grid Workshop*



6th SWEDEN-INDIA
Smart Grid Workshop*



1st GERMANY-INDIA
Smart Grid Workshop*

ISUW 2022: ROUNDTABLES AND WORKSHOPS



IEC - IEEE World Smart Energy Standardization Coordination Workshop*



Smart Water Distribution



Smart City Gas Distribution



Workshop on Hotline Maintenance



Roundtable on Interconnection of Regional Grids in Asia



Roundtable on Hydrogen Mission

ISGF INNOVATION AWARDS 2022

ISGF Innovation Awards instituted in 2017 is aimed to recognize and to celebrate organizations (utilities and technology companies), projects, products and personalities that have set a new benchmark in Electricity, Gas and Water Sectors. Till last year ISGF had selected and recognized more than 179 such organizations/ individuals. **The 6th Edition of ISGF Innovation Awards 2022 will be conferred to the Winners on 04 March 2022.** India Smart Grid Forum (ISGF) invites public and private utilities, urban local bodies, technology companies, start-ups, researchers and academia to submit their nominations.

Last year, in the 10 Innovation Award Categories, 117 Award Nominations were received and 29 ISGF Innovation Award Winners were selected by the Eminent Juries.

Nomination Categories for 2022

1. Best Smart Grid Project in India by Utility/Technology Company
2. Supporting Measures for Rooftop by DISCOM
3. Smart Technology (Electricity - Generation, Transmission, Distribution and RE Integration)
4. Innovative EV Design and EV/EVSE Rollouts of the Year (2 – Wheeler, 3 – Wheeler, 4 – Wheelers, Public Transportation Vehicles, EV and EVSE Rollouts)
5. Adoption of Emerging Technology by a Utility/Industry



6. Smart Start-up of the Year
7. Smart Incubator of the Year
8. Best Survival Effort, Business Continuity and Innovation during Crisis Periods (COVID-19/ Natural Calamity) – Utility
9. Best Survival Strategy and Innovation for Business Continuity for Utilities during Crisis Periods (COVID-19/ Natural Calamity) – Industry
10. Best Business Growth and Innovation amongst previous years ISGF Innovation Award Winners



ISUW 2021: PARTICIPATING COUNTRIES



ISUW 2021: SUPPORTING ORGANIZATIONS



ISUW 2021: SESSION PARTNERS



Department of Sciences
& Technology
Government of India



International
Electrotechnical
Commission



National Institute of Urban Affairs



ISUW 2021: SUPPORTING & PARTICIPATING UTILITIES



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