



India SMART UTILITY Week 2022

02 - 04 March 2022 | Digital Platform

www.isuw.in

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



Organiser

ISUW 2021 Supporting Ministries

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



नैतिक आयोग
National Institution for Transforming India



Ministry of Power
Government of India

ISUW 2021 Host Utilities

BSES
BSES Rajdhani Power Limited

BSES
BSES Yamuna Power Limited



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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 whose-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 on a Digital Platform 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

India Smart Grid Forum

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

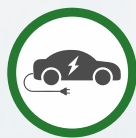
 **16**
Certificate of
Merit

 **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 Digitalized Grids



Power System Flexibility



Advanced Materials for Extreme Weather Events



Live Line Maintenance in Distribution Utilities



Inter Connection of Regional Grids in Asia



INDIA SMART UTILITY WEEK 2022



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 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



INDIA SMART UTILITY WEEK 2022

*program under finalization



ISUW 2021: PARTICIPATING COUNTRIES



ISUW 2021: SUPPORTING ORGANIZATIONS



ISUW 2021: SESSION PARTNERS



ISUW 2021: SUPPORTING & PARTICIPATING UTILITIES



ISUW 2022: DELEGATE PARTICIPATION OPPORTUNITIES

Delegate Packages	Delegate Fee*	
	INR	USD
1 Day Conference Fee	2500	35
3 Day Conference Fee	6000	100

*18% GST Extra

- For Participation in ISUW 2022 as Sponsor and Exhibitor please contact Ronkini Shome, Email: ronkini.shome@indiasmartgrid.org

For more information about ISUW 2022, please visit www.isuw.in