



# India SMART UTILITY Week 2025

18 - 22 March 2025 | New Delhi

[www.isuw.in](http://www.isuw.in)

## 11<sup>th</sup> International Conference and Exhibition on Smart Energy and Smart Mobility

Organizer



India Smart Grid Forum



### ISUW 2024 SUPPORTED BY



### ISUW 2024 HOST UTILITIES & CO HOST UTILITIES

Host Utilities

Co - Host Utility



# INDIA SMART UTILITY WEEK (ISUW) 2025

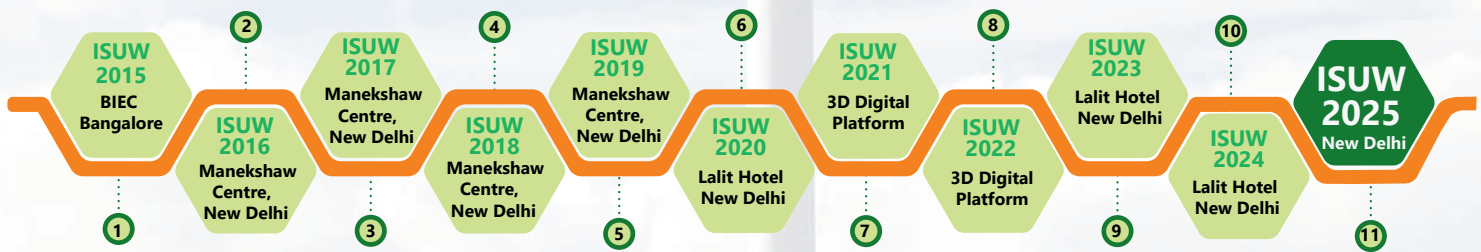
In this era of energy transition, various human activities such as transportation, industrial processes and agriculture are being electrified which is likely to triple the electricity demand in the next 50 years. About 2 billion machines which run on heat will get electrified. Generation and transmission of green electricity from the renewable energy resources require new transmission lines. Bloomberg New Energy Finance (BNEF) estimates that transmission and distribution (T&D) network expansion would require more than US\$ 21 trillion by 2050; and would add 80 million kilo-meter of new T&D lines – effectively doubling the length of today’s global grid. This presents an unparalleled challenge as well as huge business and employment opportunities.

India has also set the Net Zero target for 2070. Electrification being the key strategy for decarbonization, for India to be Net Zero by 2070, the power sector in India should target to become Net Zero by 2050. Towards this goal, Government of India has launched a host of programs and projects that comprises of:

- 1 More than doubling the present Power Generation Capacity to 900 GW by 2032
- 2 Increasing the Renewable Energy (RE) based capacity to 596 GW by 2032
- 3 Development of 236 GWh of Battery Energy Storage Systems (BESS) by 2032
- 4 Installation of 10 million Rooftop Solar PV Systems with a cumulative capacity of 30 GW resulting in emission avoidance to the tune of 720 million-ton CO<sub>2</sub> equivalent
- 5 Vision 2030: PM Public Transport Sewa is envisaging 6000 km of electric highways, replacement of 800,000 diesel buses with electric buses including 50,000 school buses
- 6 Launch of Carbon Market in 2023
- 7 Rollout of 250 million Smart Meters on fast track
- 8 Implementation of Time-of-Day (TOD) tariff for Electricity for all Consumers from 2025 which will incentivize consumption during high solar hours at reduced tariffs

Since inception in 2011, India Smart Grid Forum (ISGF) has been spearheading the movement towards digitalization of utilities in India; and have played pivotal role in bringing new technologies and solutions to India including Artificial Intelligence (AI), Machine Learning (ML), Robotics, Blockchain, Web 3.0 and Metaverse applications.

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 Energy. 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-who amongst top-notch thinkers and utility leaders from around the globe. Technology Companies, Regulators, Policy Makers, Government Officials and Senior Officers from Electricity, Water and Gas Utilities from 50+ countries participated every year in the past editions. ISUW 2024 was attended by over 2000+ delegates and addressed by 241 eminent speakers from 25+ countries.



## ABOUT ISUW 2025

The 11th edition of ISUW is scheduled from 18 - 22 March 2025 in New Delhi, India as an International Conference and Exhibition on Smart Energy and Smart Mobility. ISUW 2025 will include plenaries, special & bilateral workshops, keynotes, roundtables, technical sessions, technical paper presentations, tutorials and technical tours. Bi-lateral Smart Grid Workshops with EU, UK, USA, Brazil and Germany are also being planned. 9th edition of ISGF Innovation Awards will be organised as part of ISUW 2025 on 21 March 2025.

For Partnership, Exhibition and Participation queries, please write to us at [isuw@isuw.in](mailto:isuw@isuw.in). For more details about ISUW 2025, kindly visit [www.isuw.in](http://www.isuw.in)





# ISUW 2025 | EVENT STRUCTURE



## ISUW 2025 | MASTER CLASS, TECHNICAL TOURS AND CULTURAL TOURS

MASTER CLASS | 18 March 2025\*



Energy Transition Strategies and Pathways to Net Zero Power Systems

Register at: <https://www.isuw.in/> \*Registration in advance is Mandatory

TECHNICAL TOURS | 22 March 2025\*\*



Tour 1 - NRLDC+REMC+TPDDL LAB + 10 MW BESS (09:00 AM ~ 06:00 PM) \*



Tour 2 - TPDDL LAB + 10 MW BESS and NRLDC+REMC (09:00 AM ~ 06:00 PM) \*



Tour 3 - 800 kV HVDC Station in AGRA & Taj Mahal (07:00 AM ~ 09:00 PM) \*

\*\*Departure and Arrival will be from ISUW 2025 Venue. Passport and Visa Copy/ Aadhar Card Mandatory. Advance Registration Mandatory for ISUW Speakers, Partners, Exhibitors and Delegates with Technical Tour Package

CULTURAL TOURS | 22 March 2025\*\*\*



Taj Mahal, Agra \*



























New Delhi City Tours \*

\*\*\*Cultural Tours can be booked and paid separately. ISUW 2025 venue will have a Travel Desk to book and pay for your cultural tours

Register at <https://www.isuw.in/>








## ISUW 2025 | CONFERENCE THEMES

\*Program Under Finalization

- |  |   |   |
|--|---|---|
|  10 million (30GW) Solar Rooftop PV Systems - Challenges and Opportunities |  Role of Small Modular Reactors (SMR) in a Net Zero Power System                                     |  Resiliency of the Power Systems against Extreme Weather Events          |
|  Digital Tools for DER Management and Grid Integration                     |  Power System Flexibility: Strategies and Solutions  |  Digitalization of Utilities, Digital Twins and Digitalization Roadmaps  |
|  National Registry for Distributed Energy Resources                        |  Unified Energy Interface (UEI) an Ideas whose time has come   |  Resource Adequacy Planning  |
|  Regulations for the Net Zero Power Systems                                |  Responsible AI for Utilities  |  Blockchain for Utilities  |
|  Immersive Technologies - AR, VR, MR, AR and Metaverse                     |  Smart Metering and Smart Meter Data Analytics   |  Evolving Trends in Electric Mobility and Grid Integrated Vehicles (GIV) |
|  Cyber Security for the Digitalized Grids                                  |  Customer Engagement Strategies and Social Media for Utilities -Customer Portal, Chat-Bot, Voice Bot |  Utilities Integration Seminar - Energy, Water and Gas                   |
|  Grid Interactive Buildings and Campuses                                   |  Live Line Maintenance in Distribution Utilities   |  Carbon Markets  |
|  District Cooling Systems  |  Role of Women in Energy and just Transition   |  Inter Connection of Regional Grids in Asia                              |



# ISUW 2025 | SPECIAL & BILATERAL WORKSHOPS

 <b>14th EU - INDIA</b> Smart Energy Workshop (in collaboration with * European Commission)	 <b>11th US - INDIA</b> Smart Energy Workshop (in collaboration with * US Commercial Services)	 <b>4th GERMANY - INDIA</b> Smart Energy Workshop * (in collaboration with GIZ)	 <b>3rd UK - INDIA</b> ASPIRE Workshop*	 <b>2nd BRAZIL - INDIA</b> Smart Energy Workshop*
 <b>IEC-IEEE Smart Energy Standardization Coordination Workshop</b> (in collaboration with BIS, IEC and IEEE)*	 <b>OCPP Technical Workshop and Training</b> (in collaboration with Open Charge Alliance)*	 <b>Experiential Workshop on Immersive Technologies – Augmented Reality, Virtual Reality, Mixed Reality, Assisted Reality, Metaverse etc *</b>	 <b>Workshop on 5G Private Network for Critical Infrastructure*</b>	

\*Program Under Finalization

## ISUW 2024

### KEY HIGHLIGHTS

 <b>2000+</b> Delegates	 <b>25+</b> Countries Participated	 <b>7</b> Supporting Ministries	 <b>30</b> Key Partners
 <b>18</b> Supporting Media Partner	 <b>15</b> Supporting Organizations	 <b>20</b> Exhibitors	 <b>241</b> Speakers
 <b>1</b> Master Class	 <b>16</b> Thematic Sessions	 <b>2</b> Special Plenary Sessions	 <b>8</b> Bilateral & Focused Workshops
 <b>17</b> Conference Session Partners	 <b>32</b> Utilities	 <b>202</b> Utility Participants	 <b>60</b> Technical Papers Published
		 <b>5</b> Country Partners	 <b>25</b> Technical Papers Presented

  
**11**  
 ISGF Innovation Awards Categories

  
**66**  
 Winners

## COUNTRIES PARTICIPATED IN ISUW 2024



 Belgium	 Brazil	 France	 Germany	 India	 Indonesia	 Italy	 Finland	 Japan
 New Zealand	 Antigua and Barbuda	 United Arab Emirates	 United Kingdom	 USA	 Australia	 Benin	 Canada	 Congo
 Israel	 Netherlands	 Republic of Korea	 Switzerland	 Singapore	 Bangladesh	 Malaysia		

\*Program Under Finalization



# ISUW 2024 | KEY PARTNERS

## Host Utilities



## Co Host Utility



## Platinum Partners



## Gold Partner



## Welcome Reception Partner



## Lanyard Partner



## Silver Partners



## ISGF Innovation Awards Knowledge Partner



## Country Partners



## Knowledge Partner



## Bronze Partners



## Session Partners



# ISUW 2024 | EXHIBITORS





# ISUW 2025 | PARTICIPATION OPPORTUNITIES

## DELEGATE PACKAGES

Details	Delegate Fee*		Indian Utilities**
	INR	USD	INR
<b>3 Day Conference and Exhibition Full Pass (18 - 22 March 2025)</b> Package including Special Workshops, Master Classes, ISGF Innovation Awards with Gala Dinner and Technical Tours	40,000	500	Complimentary
<b>3 Day Conference and Exhibition Package (19 - 22 March 2025)</b> Package Including ISGF Innovation Awards with Gala Dinner and Technical Tours	35,000	450	Complimentary
<b>Master Classes on 19 March 2025 and 3 Days Exhibition only (18 - 21 March 2025)</b>	8,000	100	Complimentary
<b>ISGF Innovation Awards 2025 with Gala Dinner Pass (21 March 2025)</b>	10,000	150	10,000
<b>Bonafide Indian Students Pass for Conference &amp; Exhibition** (18 - 21 March 2025)</b> Package including Master Classes, Conference, Exhibition and Special Workshops. Attach/Email your valid ID card to avail the offer at <a href="mailto:isuw@isuw.in">isuw@isuw.in</a>	10,000	N/A	N/A
<b>Visitor Pass for 3 Days Exhibition Only (19 - 21 March February 2025)</b>	Complimentary	Complimentary	Complimentary

\*Applicable taxes (18% GST) extra | \*\*Bonafide Students Pass and Utilities Complimentary Pass will be provided only after verification of IDs and it does not include Gala Dinner Pass | For Group Discounts, please write us at [isuw@isuw.in](mailto:isuw@isuw.in)

## EXHIBITION PACKAGES

Details	Minimum Space	Cost
Shell Scheme	9 SqM	For more details on features, promotions and pricing, please email us at <a href="mailto:isuw@isuw.in">isuw@isuw.in</a>
Bare Scheme	18 SqM	

## PARTICIPATION OPPORTUNITIES AND BENEFITS

Partnership Categories	Details			
	Exhibition Space	Delegate Pass	Speaking	Recognition
Presenting	Yes	Yes	Inaugural Keynote	Yes
Powered By	Yes	Yes	Inaugural Keynote	Yes
Platinum	Yes	Yes	Inaugural Keynote	Yes
Gold	Yes	Yes	Keynote	Yes
Session Partner	Yes	Yes	Session Keynote	Yes
Silver	Yes	Yes	Yes	Yes
VIP Lounge	Lounge	Yes	Yes	Yes
Welcome Reception		Yes	Yes	Yes
Gala Dinner		Yes	Yes	Yes
ISGF Innovation Awards		Yes	Yes	Yes
Technology Partner		Yes	Yes	Yes
Conference Lunch		Yes		Yes
Lanyard		Yes		Yes
Delegate Bag		Yes		Yes
Bronze		Yes		Yes
Registration Counter		Yes		Yes

For more information about ISUW 2025, please visit [www.isuw.in](http://www.isuw.in)