



India SMART UTILITY Week 2025

18 - 22 March 2025 | Hotel Lalit, New Delhi

www.isuw.in

11th International Conference and Exhibition on Smart Energy and Smart Mobility

Organizer

ISGF

India Smart Grid Forum



ISUW 2025 SUPPORTED BY



समर्थन प्राप्त
MINISTRY OF POWER
GOVERNMENT OF INDIA

CENTRAL ELECTRICITY AUTHORITY



समर्थन प्राप्त
MINISTRY OF NEW AND
RENEWABLE ENERGY
GOVERNMENT OF INDIA



समर्थन प्राप्त
MINISTRY OF POWER
GOVERNMENT OF INDIA



NITI Aayog

ISUW 2025 HOST UTILITIES

Host Utilities

TATA
TATA POWER

BSES
BSES Rajdhani Power Limited

BSES
BSES Yamuna Power Limited

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 size 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:

- More than doubling the recent Power Generation Capacity to 900 GW by 2032
- Increasing the Renewable Energy (RE) based capacity to 596 GW by 2032
- Development of 236 GWh of Battery Energy Storage Systems (BESS) by 2032
- Launch of Nuclear Energy Mission with the target of 100 GW by 2047
- 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 CO₂ equivalent
- Vision 2030: PM Public Transport Sewa is envisaging 600 km of electric highways, replacement of 800,000 diesel buses with electric buses including 50,000 school buses
- Launch of Carbon Market in 2026
- Rollout of 250 million Smart Meters on fast track
- 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 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 Officers from Electricity, Water and Gas Utilities from 50+ countries participated 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, Africa, European Union and Indonesia are also scheduled. 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. For more details about ISUW 2025, kindly visit www.isuw.in



ISUW 2025 | EVENT STRUCTURE

18 March 2025 Tuesday	19 March 2025 Wednesday	20 March 2025 Thursday	21 March 2025 Friday	22 March 2025 Saturday
Special Workshops & Master Classes	Conference & Exhibition	Conference & Exhibition	Conference & Exhibition	Technical Tours, Demonstrations & Cultural Tours

9th ISGF INNOVATION AWARDS : 21 MARCH 2025

RAID Olympiad | 18 March 2025

Robots, AI and Drones (RAID)

OCPP TESTIVAL | 18 March 2025

**In Collaboration with
Open Charge Alliance**

In Collaboration with Ideas Matter Most

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

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TECHNICAL TOURS & DEMONSTRATION | 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) *



Demonstration - Hot Line Maintenance on 11kV and LT Lines

**To 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 / Demonstration Package

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

CULTURAL TOURS | ALL DAYS***



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

ISUW 2025 | CONFERENCE THEMES

***Program Under Finalization**



10 million (30GW) Solar Rooftop PV Systems - Challenges and Opportunities



Nuclear Renaissance and the 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

 14th EU - INDIA Smart Energy Workshop (in collaboration with European Commission)*	 11th US - INDIA Smart Energy Workshop (in collaboration with US Commercial Services)*	 3rd UK - INDIA ASPIRE Workshop	 2nd BRAZIL - INDIA Smart Energy Workshop*	 1st INDONESIA - INDIA Smart Energy Workshop*
 1st AFRICA - INDIA Smart Energy Workshop (in collaboration with APUA)	 IEC-IEEE Smart Energy Standardization Coordination Workshop (in collaboration with BIS, IEC and IEEE)*	 OCP Technical Workshop and Training (in collaboration with Open Charge Alliance)	 RAID Olympiad Robotics - AI - Drones (In Collaboration with Ideas Matter Most)	

*Program Under Finalization

ISUW 2024

KEY HIGHLIGHTS

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


11
 ISGF Innovation Awards Categories


66
 Winners

COUNTRIES PARTICIPATED IN ISUW 2024



*Program Under Finalization

INDIA SMART UTILITY WEEK 2025



ISUW 2025 | KEY PARTNERS

PLATINUM PARTNERS



SESSION PARTNERS

SILVER PARTNERS



TECHNOLOGY PARTNER



COUNTRY PARTNERS



BRONZE PARTNERS



KNOWLEDGE PARTNERS



Standards & Engagement



ISGF INNOVATION AWARDS KNOWLEDGE PARTNER



UK Government

ISUW 2025 | EXHIBITORS



ISUW 2025 | SUPPORTING ORGANIZATIONS AND MEDIA PARTNERS

SUPPORTING ORGANIZATIONS



SUPPORTING MEDIA PARTNERS



ISUW 2025 | PARTICIPATION OPPORTUNITIES

DELEGATE PACKAGES

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

EXHIBITION PACKAGES

Details	Minimum Space	Cost
Shell Scheme	9 SqM	For more details on features, promotions and pricing, please email us at isuw@isuw.in
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