



18 - 22 March 2025

New Delhi



9th ISGF INNOVATION AWARDS 2025

ISUW 2025

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

18 March 2025
Tuesday

Special Workshops

19 March 2025
Wednesday

Conference and Exhibition

20 March 2025
Thursday

Conference and Exhibition

21 March 2025
Friday

Conference and Exhibition

22 March 2025
Saturday

Technical Tours and Cultural Tours

9th ISGF INNOVATION AWARDS : 21 MARCH 2025

Organizer

ISGF
India Smart Grid Forum

www.isuw.in

ISUW 2025

CONFERENCE

AGENDA AT-A GLANCE

(DRAFT)

CONFERENCE AGENDA SUMMARY

EVENT DAY-1: 18 MARCH 2025 (TUESDAY) SPECIAL WORKSHOPS AND MASTER CLASSES

Regency 1&2

FN	MASTER CLASS ON DIGITALIZATION OF UTILITIES
AN	OCPPT FESTIVAL (in collaboration with OPEN CHARGE ALLIANCE)

Regency 3 &4

AN	SHORT LIST OF CLIMATE ACTIONS THAT WILL WORK (in collaboration with "THE FUTURE IS ELECTRIC") *
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Regency 5

Full Day	9th IEC-IEEE SMART ENERGY STANDARDIZATION COORDINATION WORKSHOP (in collaboration with BIS, IEC and IEEE)
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EVENT DAY- 2: 19 MARCH 2025 (WEDNESDAY)

**INAUGURATION OF ISUW 2025 CONFERENCE
AND EXHIBITION**

India 10:00 to 12:00

CONFERENCE THEMATIC SESSIONS

12:30 ~ 13:30 | **Special Plenary Keynotes**

13:30 ~ 14:30 LUNCH

14:30 ~ 17:00 | 250 Million Smart Meters in India – New Business Opportunities with the Digitalization of DISCOMs (Crystal 1)

14:30 ~ 16:00 | Resiliency of Utilities Against Extreme Weather Events (Crystal 2)

16:00 ~ 17:30 | RD&D of Emerging/Digital Technologies for Utilities (in collaboration with DST) (Crystal 2) *

WORKSHOPS/ROUNDTABLES/SEMINARS

14:30 ~ 17:30 | 14th EU-INDIA Smart Energy Workshop (Regency 1 & 2) *

14:30 ~ 17:30 | 2nd BRAZIL-INDIA Smart Energy Workshop (Regency 5)

14:30 ~ 17:30 | Deep Dive Workshop on AI/ML Use Cases for Utilities (Regency 3)

WELCOME RECEPTION

&

FELICITATION OF ISUW 2025 PARTNERS

India 18:30 Onwards



EVENT DAY- 3: 20 MARCH 2025 (THURSDAY)

CONFERENCE THEMATIC SESSIONS

10:00 ~ 11:30	Rooftop PV Revolution in India and Impact on DISCOMs (Crystal 1)
10:00 ~ 11:30	DERMS for Management of Power System Flexibility (Crystal 2)
11:30 ~ 13:00	Electric Mobility – Evolving Trends (Crystal 1)
11:30 ~ 13:00	Nuclear Renaissance and the Role of Nuclear Energy for the Net Zero Power Systems (Crystal 2)
10:30 ~ 12:00	Unified Energy Interface (UEI) and the Evolving Era of Energy Internet (Regency 5)
12:00 ~ 13:30	National Registry of Solar Rooftops and Smart Inverters (Regency 5)

13:00~14:00 LUNCH

WORKSHOPS/ROUNDTABLES/SEMINARS

10:30 ~ 13:30	US-INDIA Smart Energy Workshop (Regency 1 &2)
14:00 ~ 17:00	GERMANY-INDIA Smart Energy Workshop (Crystal-1)
14:30 ~ 17:00	Utilities Integration Seminar (Regency 1 &2)
14:30 ~ 17:00	The Cooling Challenge and the Need for District Cooling Systems (DCS) (Regency 5)
10:00 ~ 17:30	Presentation of Selected Technical Papers (24 Technical Papers) (Regency 3)

EVENT DAY- 4: 21 MARCH 2025 (FRIDAY)

CONFERENCE THEMATIC SESSIONS

10:00 ~ 11:30	Regulatory and Policy Innovations for the Next Era of Power Sector Reforms (Crystal 1)
10:00 ~ 11:30	Live Line Maintenance in DISCOMs (Regency 1 &2)
10:00 ~ 11:30	Grid Integrated Buildings (Regency 5)
11:30 ~ 13:00	Cyber Security for the Digitalized Green Grid (Regency 5)
11:30 ~ 13:30	Evolving Trends in Electric Mobility (Crystal 1)
10:30 ~ 13:00	Role of AI and Robotics in Energy Transition (Crystal 2)
11:30 ~ 13:30	Immersive Technologies for Energy Transition (Regency 1 & 2)
14:00 ~ 15:30	Carbon Markets (Crystal 2)

13:00~14:00 LUNCH

WORKSHOPS/ROUNDTABLES/SEMINARS

14:00 ~ 15:30	V2G Demo in India (Regency 5)
15:30 ~ 17:00	Decarbonization of Agriculture Sector (Regency 5)
15:30 ~ 17:00	Role of Media (and Social Media) in Energy Transition (Regency 3)
14:30 ~ 17:00	Capacity Building in Utilities for Energy Transition (Regency 1&2)

VALEDICTORY FUNCTION OF ISUW 2025

17:00~18:00

ISGF INNOVATION AWARDS CEREMONY

&

GALA DINNER

India 18:30 Onwards

EVENT DAY 5: 22 MARCH 2025 (SATURDAY)
DEMONSTRATIONS, TECHNICAL AND CULTURAL TOURS

TECHNICAL TOURS AND DEMONSTRATIONS

Tour-1	NRLDC+REMC and TPDDL LAB + 10 MW BESS
Tour-2	TPDDL LAB + 10 MW BESS and NRLDC+REMC
Tour-3	800 kV HVDC STATION IN AGRA + TAJ MAHAL
Technical Demonstration	Hot Line Maintenance on 11 kV and LT Lines (In collaboration with TPDDL and Altec) *

CULTURAL TOURS (all the days)

Tour-4	TAJ MAHAL
Tour-5	DELHI

Tours 1, 2, 3 and Technical Demonstration are part of ISUW Package
Tours 4 & 5 are to be paid separately to the Travel Agency